

World Health Summit 2012

Summit Program

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Summit Venue

Langenbeck-Virchow-Haus Charité — Universitätsmedizin Berlin Luisenstraße 59 10117 Berlin, Germany 6 Welcome Message Share Your Experience

Under the High Patronage of Angela Merkel, Chancellor of the Federal Republic of Germany François Hollande, President of the French Republic

Angela Merkel



Angela Merkel

Arthur Schopenhauer captured a deeply felt human need when he wrote that "health is not everything, but without health everything is nothing." People everywhere rightly expect business, researchers and policy-makers to come up with viable concepts for well functioning health services that deliver good health care as well as effective disease prevention and control. Also in years to come that will remain a major global challenge. Responding to this challenge calls for a special kind of symbiosis that combines research and medical excellence with a pioneering spirit, responsibility and ethical integrity. In this respect the World Health Summit is a truly ideal forum. Now in its fourth edition, this unique gathering brings together experts from all over the world. I bid them all a very warm welcome to Berlin.

In the year 2012 sustainability is very much in the spotlight. Particularly Rio+20, the United Nations Conference on Sustainable Development, has highlighted the importance of sustainable life-styles and economic stewardship. So it makes excellent sense for this year's World Health Summit to focus on the nexus between health and sustainable development. In a world in which ever more people are living, this is an increasingly critical factor. That is why international cooperation is so important here, for it can play a crucial role in generating new hope and new prospects for people all over the world. Everyone has the right to a life lived in dignity, after all – and that means also in the best possible health.

As patron of the 2012 World Health Summit, I hope the conference will be a resounding success.

Cupe While

Dr. Angela Merkel Chancellor of the Federal Republic of Germany

"Gesundheit ist nicht alles, aber ohne Gesundheit ist alles nichts." - In dieser lapidaren Feststellung des Philosophen Arthur Schopenhauer spiegelt sich ein zutiefst menschliches Bedürfnis wider. Zu Recht erwartet wohl jeder von Wirtschaft. Forschung und Politik aussichtsreiche Lösungen für eine effektive Gesundheitsvorsorge und Krankheitsbekämpfung in leistungsfähigen Gesundheitssystemen. Diese Aufgabe ist und bleibt eine der großen globalen Herausforderungen. Um ihr gerecht zu werden, müssen wissenschaftliche und ärztliche Exzellenz, Pioniergeist, Verantwortung und Ethik eine besondere Symbiose eingehen. Der World Health Summit bietet dafür ein geradezu ideales Forum. Bereits zum vierten Mal kommen Expertinnen und Experten aus der ganzen Welt zu diesem einzigartigen Gipfeltreffen zusammen. Ich heiße sie alle sehr herzlich in Berlin willkommen.

Das Jahr 2012 steht in besonderem Maße im Zeichen der Nachhaltigkeit. Vor allem die UN-Konferenz Rio+20 hat das Augenmerk auf die Erfordernisse nachhaltiger Lebens- und Wirtschaftsweisen gelenkt. Es ist nur konsequent, dass der World Health Summit 2012 die Verbindung zwischen Gesundheit und nachhaltiger Entwicklung in den Mittelpunkt stellt. Das Thema wird angesichts der wachsenden Weltbevölkerung weiter an Bedeutung gewinnen. Umso wichtiger wird die internationale Zusammenarbeit. Es geht um nicht weniger als um neue Hoffnung und Perspektiven für alle Menschen, die das gleiche Anrecht auf ein Leben in würde und damit auch in bestmöglicher Gesundheit haben.

Deshalb wünsche ich als Schirmherrin von Herzen einen erfolgreichen World Health Summit 2012.

www.worldhealthsummit.org Welcome Message 7

François Hollande

As patron of the 2012 World Health Summit I would firstly like to express the simple idea, that although health is essentially the most private, indeed the most personal, of issues, it is also a matter of public concern. It is actually one of the primary state responsibilities.

In my role as joint patron, together with Chancellor Angela Merkel, I intend emphasizing that nothing can be achieved long-term with regard to health matters without international cooperation, in particular at the European level. The challenges facing us are considerable. They are urgent. We should accept them together. The first one is universal access to health care. Inequality in health treatment is one of the worst offenses against humanity. Everything possible should be done to rectify this injustice. This must be one of our joint priorities. The second challenge is research, which can only develop further if adequate means are available and a coherent organization based on coordinated public decisions exists. The third challenge concerns essential modifications to our way of thinking and handling in order to ensure sustainable development. This is about the future of our planet, the quality of our air and water: virtually everything is dependent on this prerequisite in some way. It is imperative that every world conference dealing with health issues takes this vital dimension into consideration.

I am very grateful to the forum participants for their work, their determination and their devotion to the common good. I hope you will have rewarding discussions and fruitful exchanges.

En parrainant le Forum mondial, je veux d'abord exprimer l'idée simple que la santé, qui est l'enjeu le plus privé, le plus intime, est aussi une affaire publique. Elle constitue l'une des premières responsabilités des Ftats.

En le parrainant avec la Chancelière Angela Merkel, j'entends insister sur le fait que rien, en la matière, ne se fera sur le long terme sans coopération internationale et notamment européenne. Les défis sont considérables. Ils sont urgents. Et nous devons les relever ensemble. Le premier, c'est l'universalité de l'accès aux soins. Les inégalités devant la maladie constituent l'une des pires offenses faites à la conscience humaine. Tout doit être mis en œuvre pour les atténuer : ce doit être l'une de nos priorités communes. Le second, c'est la recherche, qui ne se développe qu'avec des moyens, et avec une organisation cohérente appuyée sur des décisions publiques coordonnées. Le troisième, c'est la nécessaire adaptation de nos modes de pensée et d'action à l'enjeu du développement durable. Il s'agit de l'avenir de notre planète, de la qualité de l'air, de l'eau : tout en, un sens, est subordonné à ce préalable. Toute réflexion menée à l'échelle mondiale sur les questions de santé doit prendre en compte cette dimension essentielle.

Je remercie les participants au forum de leur travail, de leur volonté, de leur dévouement au bien commun. Et je vous souhaite à tous des réflexions riches et des échanges fructueux.



François Hollande

François Hollande President of the French Republic 8 Welcome Message Share Your Experience

Everyone has the right to a life lived in dignity, after all – and that means also in the best possible health.

Angela Merkel, Chancellor of the Federal Republic of Germany

Zsuzsanna Jakab



Zsuzsanna Jakab

The 53 Member States in the WHO European Region recently took a decisive step forward in improving health and well-being in Europe collectively, when they endorsed Health 2020, the new European health policy framework this September.

At its heart, Health 2020 sets out to reduce health inequalities, strengthen public health and ensure peoplecentred health systems that are universal, equitable, sustainable and of high quality. Recognizing that good health is vital for economic and social development, and supports economic recovery, it makes the case for investing in health by all sectors of government and creating societies where health is valued: a whole of Government and whole-of-Society approach. This is the result of a two-year consultative process involving many stakeholders. Health 2020 has been based on the best available evidence and where needed new studies were commissioned and systematically reviewed and collated by technical experts. So Health 2020, is both a product of and a tribute to the best current research on health across Europe and beyond.

Fundamental to Health 2020 is the acknowledgement that many different factors affect health and well-being, and that to improve health and reduce inequalities other sectors must be galvanized to take action, as health must in turn extend its reach to contribute to the goals and aspirations of other sectors. The European Review of Social Determinants, one of the commissioned studies, goes far in analysing the influences and interactions between individuals, populations and society that shape our health and well-being.

The above input to Health 2020 shows the crucial role research for health plays in expanding the evidence base for making informed decisions on health policy. It is the backbone of WHO's work: mapping, collating, initiating and reviewing research projects to guide governments and partners with an interest in health.

The WHO Regional Office for Europe is actively involved in research through the Health Evidence Network. Here the office provides a resource for decision-makers to access research information in a manner designed to help policy-making. The Regional Office is also launching the European arm of the WHO Evidence-Informed Policy Network (EVIPNet), which works directly with countries to help them build local capacity to source, apply and use their own research – already this work has proven successful in countries as diverse as Peru, Uganda and Laos and on topics ranging from improving access to artemisinin-based combination therapies for malaria, to task shifting to optimise the work of health professionals.

As a leading forum bringing together researchers, doctors, government officials and representatives from nongovernmental organizations and well as the private sector, I am delighted that the World Health Summit embraces a broad audience, and this year's discussions extend beyond traditional health disciplines.

Only with the knowledge of the wider academic and research community, can we understand what works to solve today's most pressing health needs, and put in place effective policies and interventions that guarantee the health and economic well-being of all people for generations to come, making the European Region an example for others to follow.

Dr. Zsuzsanna Jakab WHO Regional Director for Europe www.worldhealthsummit.org Welcome Message

Karl Max Einhäupl | Annette Grüters-Kieslich

For the fourth time, Berlin and the Charité – Universitätsmedizin Berlin host the World Health Summit. It is a promising signal that this extraordinary gathering of excellent minds from all the relevant healthcare sectors continues to blossom and expand.

The year 2012 has been coined by the term "sustainable", going back to Rio+20 and the call for Sustainable Development. Still, the declaration of Rio lacked the due emphasis of Health, although without health no sustainability can be achieved. Hence, the theme of this year's World Health Summit – "Research for Health and Sustainable Development" – is wisely chosen. Over the past four years the Summit established a constantly growing excellence for offering leadership and experience-based recommendations on solving questions of medical concerns and urgent challenges for global health. With uniting representatives from research, politics and private sector at this annual meeting, the call for Sustainable Development can be answered; including Health.

The Charité provides the ideal setting for the World Health Summit, as it not only comes with over 300 years of tradition and experience, it successfully has arrived at the modern days' intellectual research-frontier as well. Various research institutions, interdisciplinary collaborations and cooperations in all health related fields define a rare background for a unique meeting of intellectual minds.

Join us in the spirit of high-minded scientists like Hermann von Helmholtz, Rudolf Virchow, Emil von Behring or Robert Koch, who all lent their genius to the Charité, to tackle our contemporary and future medical challenges and to help designing a sustainable future.

The Charité – Universitätsmedizin Berlin welcomes the World Health Summit – and it welcomes you.





Karl Max Einhäupl Annette Grüters-Kieslich



Gunler

Prof. Dr. Karl Max Einhäupl Chief Executive Officer Charité – Universitätsmedizin Berlin

Aune la Juin

Prof. Dr. Annette Grüters-Kieslich Dean Charité – Universitätsmedizin Berlin

10 Welcome Message Share Your Experience

"The Charité has been at the spearhead of Germany's academic medicine for more than 300 years and is therefore extremely proud to host the World Health Summit." Karl Max Einhäupl, CEO, Charité – Universitätsmedizin Berlin, Germany

Michael J. Klag

Detlev Ganten

Dear Friends, Dear Colleagues,

"Research for Health and Sustainable Development," the theme of the 2012 World Health Summit, articulates this year's focus on finding novel solutions for non-communicable diseases and conditions of global concern, like obesity, diabetes, and mental illness. Unhealthy lifestyles are a main cause of these new epidemics. Greater awareness of the global economic risks and human suffering related to the epidemiologic transition, as well as sustainable solutions for healthcare systems to meet the challenge of non-communicable diseases and conditions, are urgently needed.

This year, the world met in Brazil for the Rio+20 United Nations Conference on Sustainable Development. Although health and research are the basis for development, these issues do not figure prominently in the agenda. We strongly believe that research for health has to be an essential part of the development agenda.

Governments around the world are already struggling with the challenge of providing quality healthcare, despite increasing financial constraints. The economic crisis poses many challenges, but also represents an opportunity to reform health systems and to rethink the direction and nature of financing for research and health, resulting in more money for health and more health for the money. Science must be sensitive to financial realities, so that scarcity of resources will be considered an enabler of, not an impediment to, sustainable innovation. Maximizing the benefits from limited resources will ensure that the gains

of medical progress reach as many people as possible. Important topics that need to be discussed are priorities for research, public and private sector partnerships, intellectual property rights, regulatory procedures for health products and conventions on biomedical research and development.

Academic institutions worldwide must take more responsibility in all health sectors and provide governments with the knowledge, evidence and advice to effectively translate scientific evidence into rational policy and effective solutions. To accomplish this goal, research is fundamental. We must also increase the quality and quantity of diverse health professionals to strengthen their impact on population health.

The Johns Hopkins Bloomberg School of Public Health is proud to share the presidency of the World Health Summit 2012. The School has funded projects in over 120 countries worldwide and our mission is to protect populations from illness and injury by pioneering new research, deploying our knowledge and expertise in the field, and educating scientists and practitioners in the global defense of human life.

We invite you to the 4^{th} World Health Summit in Berlin to jointly search for sustainable solutions for research, health and development in the 21^{st} century.

michael g. Xlag

Prof. Dr. Michael J. Klag Johns Hopkins Bloomberg School of Public Health Baltimore, United States of America Summit President

Prof. Dr. Detlev Ganten Charité – Universitätsmedizin Berlin Summit President



12 Key Facts Share Your Experience

Participants

Top level researchers and members of the scientific community, high profile political decision makers, executives and representatives from the health care system, leaders of the health related industry and technology sector, representatives of civil society and foundations, students and young professionals from all health related fields will be a part of the World Health Summit.

Key Facts

Date

October 21st - 24th, 2012

Venue

Langenbeck-Virchow-Haus Luisenstraße 59 10117 Berlin, Germany

The Venue is located at the Charité – Universitätsmedizin Berlin Campus Mitte

Number of Participants

1.400 representatives of all health-related fields



"The ability to focus leaders of so many diverse areas in one geographical spot for three or four days, allows an incredible access to both knowledge and interaction." John Wong, Vice-Provost (Academic Medicine), National University of Singapore www.worldhealthsummit.org Key Facts 13

Mission

The World Health Summit's mission is to bring together researchers, physicians, leading government officials and representatives from industry as well as from non-governmental organizations (NGOs) and health care systems worldwide to address the most pressing issues facing medicine and health care systems over the next decade and beyond.

Health and wellbeing are not only of the highest importance to both the individual and societies, they are also a fundamental human right. Governments and international institutions should integrate health and health care into their societal and political agendas and policies to ensure that health is regarded as a public good that must be achieved equitably and to the highest attainable level. To reach this goal, all stakeholders need to cooperate closely to effectively address global health challenges.

The World Health Summit is the foremost annual gathering of leaders from academia, politics, industry and civil society, and acts as a forum for the development of joint strategies to address key challenges in medical research, global health and health care delivery, with the aim of shaping political, academic and social agendas.

Convened under the auspices of the M8 Alliance of Academic Health Centers and Universities in collaboration with the National Academies of Sciences of more than 67 countries and the InterAcademy Medical Panel, the World Health Summit also aims to promote sustainability and social responsibility.

Vision

The vision of the World Health Summit is improved health worldwide, catalyzed through collaboration and open dialogue, setting tomorrow's agenda for improved research, education, health care and policy outcomes.

Health is a Human Right (UN Declaration 1948) Health and personal wellbeing are our societies' most important values. However, compared to the immense rate of progress in the medical sciences, we are lagging far behind in the global delivery of public health and health care. At present more than half of the world's population is not receiving proper medical care. At the same time, demographic change in all parts of the world results in a rapidly rising burden of chronic diseases.

Health is more than medicine. We must clearly define our responsibilities and investments for the development of education, living conditions and medicine and to increase knowledge transfer from bench to bedside and populations. We can make a difference. It is our responsibility to ensure that today's science becomes tomorrow's agenda. Not only finetuned coordination of initiatives of academia with governments, the civil society and the private sector but also stable private-public partnerships and investments in health will accomplish our key objectives to improve health in our world.

Goals

- To engender improvement of health care worldwide by strengthening the links in place between research, academic medicine and decision makers across all health care sectors, including government and industry
- To influence, guide and support positive action by policy and decision makers through the provision of credible and scientifically-based evidence
- To maintain an international, multi-sectoral health forum, sustaining dialogue, creating networks and fostering collaboration as a catalyst for innovation and measurable health care improvement
- To promote thought leadership through academic input into the scientific and global health agenda

14 The M8 Alliance Share Your Experience



The M8 Alliance

- The "M8 Alliance of Academic Health Centres, Universities and National Academies" was officially founded in 2009, on the occasion of the 1st World Health Summit as a medical and scientific forum of excellence.
- It is composed of a network of prestigious medical institutions dealing with scientific, political, and economic issues related to medicine and global health, together with stakeholders from politics, society, non-governmental institutions and industry worldwide.
- The M8 Alliance acts as a permanent platform for framing future considerations of global medical development and health challenges.
- It is the M8's vision to harness academic excellence to improve global health.

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Members



Charité – Universitätsmedizin Berlin Germany





National University of Singapore (NUS), Singapore



Chinese Academy of Medical Sciences and Peking Union Medical College China



Sorbonne Paris Cité France



Imperial College London United Kingdom







Russian Academy of Medical Sciences
Russian Federation

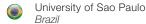


London School of Hygiene & Tropical Medicine United Kingdom



Imperial College

London





Johns Hopkins Bloomberg School of Public Health, Baltimore USA







Kyoto University Graduate School of Medicine Japan







Monash University, Melbourne Australia



16 Program Tracks Share Your Experience

Research for Health and Sustainable Development

Twenty years after the original summit, the world reconvened in Brazil for the Rio+20 United Nations Conference on Sustainable Development. Health and research are the basis for development, however these issues did not figure prominently in the agenda for Rio. The M8 Alliance recognizes that research for health must play an essential part in the development agenda.

The World Health Summit 2012 – under the theme "Research for Health and Sustainable Development" – will focus on issues and possible solutions for non-communicable diseases and conditions of global concern. The modern unhealthy lifestyle is a main cause of the new epidemics, like obesity, diabetes and mental illness. Sustainable solutions for healthcare systems to meet these challenges as well as a greater awareness of the global economic risks and human suffering related to the epidemiologic transition are urgently required.

Diseases of Modern Environments

- The Obesity Challenge
- Governance for a Healthy Planet
- · Vaccines for Neglected Diseases

In the past years, life expectancy has continued to rise steadily. Longer life expectancy as well as the unhealthy lifestyles resulted in the transition of global predominance of non-communicable diseases, such as cardiovascular diseases, obesity and mental illness, as both the leading cause of death and disease burden with serious socio-economic consequences.

How do we combat NCDs and their risk factors to enhance sustainable development? What is the way forward in terms of a multisectoral approach to take effective action and how can they be integrated with existing mechanisms?

There has been significant progress in putting those new issues on the global health agenda, but governance for a healthy planet can only be sustainable if neglected diseases as well as future pandemics are also given attention.

Translating Research into Policy

- Research Capacity Building
- Public Health: Global Challenges and Local Solutions
- Health 2020

Research and health are the basis for all development. Millions of dollars are spent on health innovations that fail to live up to their promise. Public health interventions are often implemented without consideration of the issues of delivery and access. Research capacities for the burning medical questions and health issues of our time must be built without delay. What policy and infrastructure is required to support research and development, innovation and partnerships for the current global health-care needs?

How can we reorganize and better support the system to increase translational efficiency between public and private sections at a nation-state, regional and global level? How can in return research and evidence better inform policies, strategies and interventions for global health, including health systems development and the MDGs? How can Health Impact Assessment help us to make health a routine part in all plans, policies and programs?

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Health and Economy

- Behavioural Economics
- Where Will the New Drugs Come from?
- Bringing Medicines to Low-Income Markets

The vital interlinking relationship between health and economy and its interactions must not be underestimated. This has been especially apparent in the global financial crisis during the past few years leading to ripple effects on health and social spending. Evidence confirmed that failing economy predicted worse health. Sustaining investment and financing in health and social structures is therefore an essential priority to maintain stability and security as well as improve their performance. What mechanisms do we need that identify early warning signs and help mitigate the negative impact of economic downturns?

Research and development has seen a shift from the private sector to the academic community. How can we reorganize the academic system to increase translational efficiency between academic medicine, industry and operational actors of the health care system? Effective incentives and regulatory procedures are needed for medical innovations for diseases of global importance. How can we support a shift in focus from "sick care" to healthcare that truly prevents illness and promotes health care?

Educating Health Professionals

- Health Workforce Crisis
- Transformative Education of Health Professionals in the 21st Century
- Global Health Education

Health Workers in well-performing health systems are crucial for global health. However, the health workforce crisis due to an insufficient number of trained health professionals and brain drain as well as a misdistribution continues to pose a challenge worldwide. Although much attention must be devoted to workforce shortages, the quality of the workforce is equally important.

Profound changes are needed to maintain efficient health systems. Changing patterns of health threats in the 21st century, population movements and financial flows require a transformative educational approach of health professionals that are better attuned to the pressing needs for both global awareness and local sensitivity. What is the future of Nursing? What are the future challenges? How can we best align research and education with the community's need?

Information Technology for Health

- Big Data: Data Information Decision
- IT for Health-Research
- IT for Health-Care

Information technology is an essential part of health today. The vast amount of data which is produced in health every day creates huge challenges. Data are produced, which are transformed into information which again is translated into decisions.

What are the specifics of this sequence in health-research and in health care? Which role does IT play at the patient bed? How can IT be used at the bench in the laboratory? But IT for health looks different whatever perspective is taken into account: the view from the decision maker in politics is different than the view from the CEO's office in the industry. What is the perspective of the scientist and the one of the civil society? Only by taking all of them into account will the picture of IT for health which we have today be complete.

President 2012

Michael J. Klag

Johns Hopkins Bloomberg School of Public Health, Baltimore, United States of America

Founding President

Detlev Ganten

Charité - Universitätsmedizin Berlin, Germany

Past Presidents

Axel Kahn, 2009 Université Paris Descartes, France

Steven Smith, 2010 Imperial College London, United Kingdom

Steve Wesselingh, 2011 Monash University, Australia

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Reinhard Wichels

Vera Zylka-Menhorn

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The World Health Summit has plenary sessions to present selected topics of interest to a broad audience and a variety of breakout sessions to allow for deeper discussions on highlighted themes.

Keynote Lectures with high profile speakers will focus on topics of high importance.

Workshops are the main discussion platforms of the World Health Summit. They will start with kick-off presentations held by prominent experts followed by a solution-oriented discussion involving all participants of the Workshops.

Partner Symposia are sessions organized in different formats to foster discussions on selected topics. They are organized by stakeholders and partners as part of the summit. The organizers of the Partner Symposia are the M8 Alliance, research organizations, health organizations, industry partners, NGOs, think tanks, etc.

Panel Discussions will focus on topics of potentially controversial relevance. Panel Discussions start with a brief presentation and then turn into an exchange of different viewpoints. The aim of the session is to draft possible answers to strategic questions of health care and health research.



WELCOME TO BERLIN

WELCOME TO THE 4th WORLD HEALTH SUMMIT

Satellite Meetings

health_y: food | media | innovation | education



Open to all

Hosts: Stiftung Brandenburger Tor, Charité – Universitätsmedizin Berlin,

World Health Summit, Helmholtz Association



Date: October 16th, 19.00 — 21.00

Location: Max Liebermann Haus, Pariser Platz 7, 10117 Berlin



The Meeting will be held in German.

Health and the access to health care are universal rights. They define a public affair (res publica) in the most classical meaning, comparable to social needs, public transportation or the right for education.



The new event series "health_y: why healthy?" will offer a forum to address, present and discuss pressing health challenges. It will gather academia, research and civil society to help establishing new ideas and multi-disciplinary and global approaches for the future state of health.

This opening session as Satellite for the World Health Summit will focus on "The Value of Good Food: Healthy cooking, its prizing, and equity for all". Markus Heidmeier (DRadio Wissen) will moderate the discussion.



IAMP Young Physician Leaders Meeting

By invitation only

Hosts: InterAcademy Medical Panel (IAMP)

Date: October $19^{th} - 20^{th}$

Location: Berlin-Brandenburg Academy of Sciences and Humanities (BBWA), Jägerstr. 22/23, 10117 Berlin

The IAMP Young Physician Leaders Meeting is a Satellite Meeting which will take place from October 19th to 20th. Together with the M8 Alliance of Academic Health Centres, Medical Universities and National Academies worldwide, the InterAcademy Medical Panel (IAMP) will on this occasion establish a "Young Physician Leadership Program": 20 outstanding young physician leaders are selected and nominated by IAMP members for a specific workshop to develop their leadership skills during mentoring sessions with an international group of physician leaders. The program includes participation in the World Health Summit (October 21st – 24th, 2012), which will provide an outstanding scientific and policy program and networking opportunities with a global group of medical and scientific professionals, government officials, business leaders and health related organizations.

Eligible physicians for the Leadership Program are under 40 years of age, have demonstrated outstanding accomplishments in clinical medicine, medical education, public health or health policy and show significant promise for leadership in their fields in the future. The Co-Chairs of the IAMP, Jo Ivey Boufford and Looi Lai-Meng, will be chairing this program in Berlin.

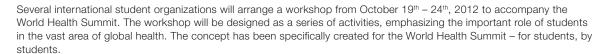
Rethinking Global Health - A Student Perspective

By invitation only

Arranged by Representatives of Several International Student Organisations

(bvmd, IFMSA, UAEM and others)

Date: October $19^{th} - 24^{th}$ Location: to be announced



Encouraged by the success of the "bvmd Week of Global Health Education", which accompanied the World Health Summit 2011, the organizers implement the idea of a workshop-week on Global Health again, supported by several international student organizations. The workshop's activities will enable participants to explore the multi-facetted world of Global Health via discussing topics as Patient and Community Health; the Leading Role of Physicians in this context; the Role of International Institutions and Governments: the Access of Reliable Information on Global Health Issues.

The workshop will be both theoretical and practical. Through short interactive lectures, trainings and exercises, students will learn to use the theoretical knowledge in practice. Daily briefings, discussions and reflections on the day will be part of the workshop routine.







Pan-African Satellite Symposium on Respiratory Infection AIDS, TB and Rheumatic Fever: A Triple Challenge













Open to all

Hosts: African Cultural Institute, e.V., Pan-African Society for Cardio-Thoracic Surgery e.V.,

Berlin Medical Society, German Heart Institute Berlin, Koch - Metschnikow - Forum,

University of the Free State, South Africa

Date: October 20th, 8.30 — 18.00

Location: German Heart Institute Berlin, Augustenburger Platz 1, D-13353 Berlin, Germany

Main objective of this Satellite Symposium is to interact with distinguished clinicians and scientists from Africa, Asia, Europe and USA who are specialized in HIV/AIDS and tuberculosis associated cardio-respiratory co-infections, streptococcal infections and rheumatic fever, rheumatic heart valve disease and public health.

Furthermore, it aims to provide cutting-edge education and holistic approaches that improve diagnostics, medical and surgical therapy and to improve the scientific basis of follow-up and population. About 100 high-ranking participants from science and health care as well as political decision makers are expected to attend this first Symposium of its kind. The 1-day satellite symposium will be highlighted by a 3-hour multi-site video teleconference (1st German – African Telemedicine Forum) from 15.00 — 18.00

Program and Registration: www.afrikakulturinstitut.com/REGISTRATION.htm

Panel Discussion

Research for Health and Sustainable Development. What Can We Learn from Rio+20? What Else Do We Need?

By invitation only

Co-Host: Deutsches Ärzteblatt (Journal of the German Medical Association)

Date: October 20th, 17.00 — 18.30

Location: Kopsch Hörsaal, Philippstraße 12, 10117 Berlin

Moderator: Vera Zylka-Menhorn | Senior Medical Editor | Deutsches Ärzteblatt | Germany

Speakers: Hans Rudolf Herren | Founder and President of the Biovision Foundation | Winner

of the World Food Prize | Switzerland

Monika Hauser | Founder and Executive Member of the Board of Medica Mondiale |

Winner of the Right Livelihood Award 2008 | Germany

"Research for Health and Sustainable Development", the theme of the 2012 World Health Summit, articulates this year's focus on finding novel solutions for non-communicable diseases and other conditions of global concern. Unhealthy lifestyles and growing health inequalities are a main cause of these new epidemics. This year, world leaders have met for the Rio+20 United Nations Conference on Sustainable Development. Although health and research are the basis for development, these issues do not figure prominently in the agenda for Rio. And health for all can only be established if we include other very important factors, like nutrition, education, empowerment and governance into our agendas. The objective of this panel discussion is to find links between all these health-related sectors in order to reach a healthy and sustainable development for all.



Deutsches Ärzteblatt





Berlin meets Beijing



Open to all

Hosts: Germany Trade and Invest, Berliner Wirtschaftsgespräche, World Health Summit

Sigenet-Health



Date: October 23rd, 12.00 — 15.00

Location: Deutsche Kreditbank, Taubenstr. 7 - 9, 10117 Berlin



The Meeting will be held in English.

Honoring the close partnership of Berlin with the Chinese capital Peking, a Satellite Symposium is being organized for October 23rd. The aim of this Symposium is to discuss the fruitful cooperation of these two cities regarding health care, health economy and health systems; to share experiences and to create new synergies.

The fast urbanization of Chinese cities causes many medical problems. To alleviate the consequences of the demographic change, a health care reform was initiated in 2009 with the main objective to ensure public access to health care. With more than 200,000 people involved in health care, medical and biological research, Berlin might be able to offer additional help. The Charité – Universitätsmedizin Berlin comes with the potential of various research institutions, academia and start-ups in the field of health care; interdisciplinary collaboration; and cooperation in all health related fields.



Host of this special event are the Berliner Wirtschaftsgespräche e.V., Germany Trade and Invest, and the World Health Summit. About 200 international participants from Academia, Politic, Health Care and Economy are expected. Registration: www.bwg-ev.net

ZEIT Campus Dialog

Open to all

Hosts: ZEIT Campus, World Health Summit

Date: October 23rd, 18.30 — 20.00

Location: Main Hall, Langenbeck-Virchow-Haus, Luisenstraße 59, 10117 Berlin

The Meeting will be held in German.



Prof. Dr. Detlev Ganten, Founding President of the World Health Summit, Dr. Katrin Paeschke, researcher and biochemist at University Würzburg, and Prof. Dr. Margret Wintermantel, President of the German Academic Exchange Service, will discuss possibilities and recommendable directions for students and alumni to take in order to successfully start an academic career. Simon Kerbusk, Chief Editor of ZEIT Campus, will moderate the discussion.

Interested participants will have the additional opportunity to catch an exclusive look at the World Health Summit as they will be able to visit the Summit on Tuesday, October 23rd, from 16.00 on, free of charge.



Satellite Meetings

The 10th International Dialogue on Population and Sustainable Development









in cooperation with:







Open to all Panel Discussion

Host: Federal Ministry for Economic Cooperation and Development (BMZ)

Date: October, 24th 18.30 — 20.30

Location: Federal Ministry for Economic Development and Cooperation (BMZ), Stresemannstraße 92, 10963 Berlin

In 2015, the world's most dominant development framework, the Millennium Development Goals (MDGs), will come to an end. It is hard to judge the impact of the MDGs, but they have been successful in focusing advocacy and resource mobilization efforts around the eight sectors included in the framework. In 2015, the world will endorse a new framework for poverty alleviation and improving development outcomes.

Since 2000, there has been clear aggregate progress on all of the MDG targets, although some regions and countries have lagged behind. Population dynamics – growth, aging, urbanization, migration – are having a huge impact on the ability to meet the MDGs and will continue to impact future development frameworks, debates and outcomes. By 2015, the world population is expected to reach 7.3 billion and exceed 10 billion by the end of the century. Population dynamics are too important to ignore, and will determine the scale and shape of the development challenges we face. Population dynamics are a cross cutting issue which affects environmental degradation, climate change, food and water scarcity, employment, conflict and instability, all of which put pressure on the political, economic, health and education systems of many developing countries. Dialogues about equity, sustainability, gender and human rights need to consider population dynamics.

The time for experts in population dynamics to analyze the political landscape is now – to ensure that the next framework considers population dynamics and their impact on a nation's sustainable human and economic growth outcomes.

Moderator: Melinda Crane (DW-TV)

Registration: on site

20.30 Reception on invitation by the Federal Ministry for Economic Cooperation and Development (BMZ)

European ESTHER-Alliance Meeting

By Invitation only

Hosts: European ESTHER - Alliance (EEA) and Federal Ministry for Economic Cooperation and Development (BMZ)

Date: October $24^{th} - 25^{th}$

Location: October 24th Köthener Straße 2, 10963 Berlin

October 25th Langenbeck-Virchow-Haus (Room Bier), Luisenstraße 59, 10117 Berlin

The ESTHER Initiative (Ensemble pour une Solidarité Thérapeutique Hospitalière en Réseau) was launched in 2002 by France with the main goal to strengthen the capacity of Southern countries to respond to the challenges of introducing antiretroviral treatment for people living with HIV, but has meanwhile extended its focus to other health and health systems problems such as tuberculosis, maternal and infant mortality, patient safety, quality management and others.

By establishing twinnings between universities and institution of 12 European countries and 40 countries in the South, the Alliance's member states have mobilized a global North-South network of health professionals, improving capacity and health systems in partnership.

The representatives of member states will take the tenth anniversary of the Alliance and the occasion of the World Health Summit as an opportunity to illustrate lessons learnt from implementation of university and hospital partnerships in the framework of the European ESTHER-Alliance, to discuss joint projects, common challenges as well as the way forward.







implemented by:



New Voices in Global Health Forum

The Lancet and M8 Alliance World Health Summit 2012 Call for Abstracts

The New Voices in Global Health (NVGH) program is a competitive abstract submission and selection programme designed to highlight important research, policy and advocacy initiatives of new and future leaders in global health, and empower participants with global health advocacy skills.

Issues addressed had to be relevant, reflect current challenges, show originality and would spark the interest of conference participants and the readers of The Lancet. Topics of particular interest were those linked to the summit's main themes.

Selected participants will now present their abstracts at the World Health Summit 2012. The accepted researchers will participate in the NVGH-Forum or will present their poster in the poster area throughout the Summit. Selected abstracts are published in a special booklet available at the World Health Summit and on The Lancet's website.

Oral Presentations:

Date: October 22nd - 23rd,16.15 - 17.45 Venue: Room Langenbeck, 1st floor

M8Alliance THE LANCET Poster Viewing

All posters will be presented during the entire time of the World Health Summit.

Poster authors are asked to be present next to their posters during the longer breaks so that each delegate can visit the poster area independently and has the opportunity to ask the abstract author questions regarding his/her poster.

Location of the Posters:

The posters will be displayed in the Poster Exhibition located on the second floor of the Venue.

Perceptions on Medical Brain Drain among Young Doctors in Kenya: Should Kenyans Be Worried?

Paul Yonga, Ministry of Medical Services, Kenya

Higher Income Inequality Associated with More Teenage and Child Pregnancies in Brazil: A Sign of Things to Come for Developed Countries? Alexandre Chiavegatto Filho, Harvard School of Public Health, United States of America

Association between Fruit and Vegetables Eating Habits and Practices in Relation to the Prevalence of Diet Related Chronic Non-Communicable Diseases in Zanzibar, Tanzania

Amelie Keller, University of Copenhagen, Denmark

The Impact of Global Health Initiatives on the Health Services System in Angola

Isabel Craveiro, NOVA University of Lisbon, Portugal

Economic Impact of Health Shocks on Households in South Asia: A Propensity Score Matching Approach Khurshid Alam, Monash University, Australia

The Framework of Sustainability of Health Universal Coverage in Italy: Into and Beyond the Eurozone Financial Crisis Introducing the Sustainability Index with an Assessment of the Impact of the Italian Stability and Reform Program 2011 – 2014 on Public Health Care Financing

Stefano Olgiati, University of Milano Bicocca, Italy

Assessing the Financial Challenge Facing the NHS in England for a Decade

Adam Roberts, The Nuffield Trust, United Kingdom

The Contribution of Product Development Partnerships to Access to Medicines and Research Capacity Strengthening

Bridget Pratt, Monash University, Australia

Traumatic Injury in Developing Countries: Results From a Nationwide Survey of Sierra Leone Kerry-Ann Stewart, Stanford University, United States of America

Global Health in UK Postgraduate Medical Training Jennifer Hall, Faculty of Public Health Global Health Registrar's Group, United Kingdom

Where is the 'M' in Post Partum Care for Mother and Child? Results of a Comparative Policy and Situation Analysis across Four African Countries

Sue Mann, University College London, United Kingdom

Towards a Transformative Medical Education in the Philippines: Medical Students' Perspectives on Current Realities and Opportunities for Reform Ramon Lorenzo Luis Guinto, University of the Philippines Manila, Philippines

Social Media

The World Health Summit brings together participants from all over the world, sparking interesting conversations and discussions. But the exchange doesn't simply start on the Summit's first day, nor does it end after the final session.



Many participants and speakers stay in touch and enjoy the communication via social media outlets, including the World Health Summit and its team. Stay informed and in contact via Facebook and Twitter, exchange opinions and results - Share Your Experience.



www.facebook.com/worldhealthsummit www.twitter.com/worldhealthsmt

Book of Participants

Following the successful introduction of the Book of Participants in 2011, this powerful networking tool is being implemented again in 2012. Participants supply their CV, a picture and contact details prior to the Summit which provides optimal preparation for networking at the Summit, giving insight into who will attend. Be one of the first to know who will be at the World Health Summit and take the chance to organize a meeting.

The Book of Participants is accessible only to registered participants through our website: www.worldhealthsummit.org via the login page and updated on a regular basis. You can consult it onsite using one of the two available internet terminals. After the Summit, the Book of Participants will remain online for a limited time to best serve your wish to network and stay in contact with interesting and like-minded people.



World Health Summit Night

Prior registration necessary

Date: October 22nd, 19.00

Location: Hamburger Bahnhof, Invalidenstraße 50-51, 10557 Berlin

Prices: 20.00 EUR Students

> 30.00 EUR Summit participants 50.00 EUR External guests

The World Health Summit brings together about 1.400 participants from all over the world, sharing discussions, symposia, keynote speeches and working sessions. But such a forum for professionals from all the different fields of health care does not unfold its true impact on panel discussions alone.

Hence, a special World Health Summit Night is being organized for speakers, participants, and guests. The prestigious "Hamburger Bahnhof" offers an excellent framework and atmosphere for an evening of informal exchange and networking, including finger food, drinks and live music.

For further information please contact the registration staff.







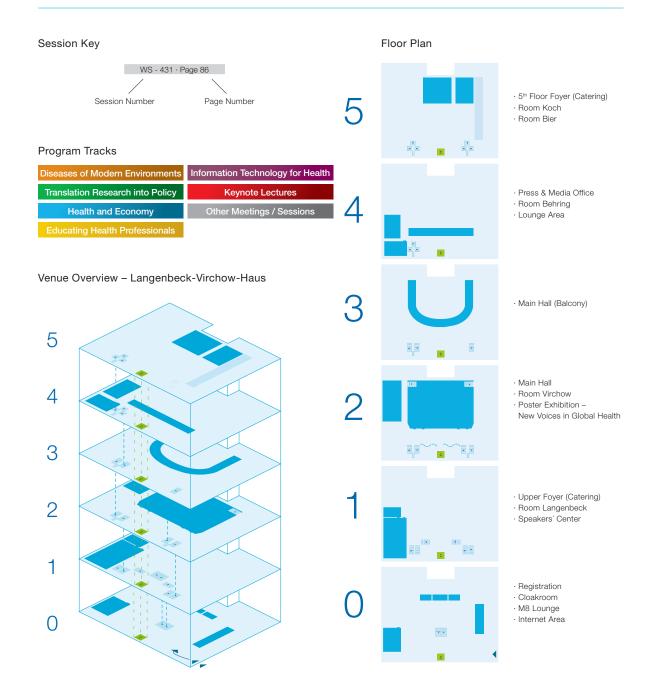






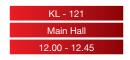
SUMMIT PROGRAM Sunday, October 21st

Key & Notes



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Main Hall	Langenbeck	Virchow	Koch	
Regis	tration	Stakeholder Meetings		
	Welcome Addresses to the	World Health Summit 2012		M
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OM - 131 · Page 39	Welcon	ne Lunch		
Partner Symposium	Partner Symposium	Partner Symposium	Partner Symposium	
Beyond Forum 2012: Research and Innovation for Health, Equity and	Can the Genomics Revolution Improve Global Health?	Social Accountability of Medical Schools and Academic Health Centres	Vaccines for Neglected Diseases in Developing Countries	
Development Development	Monash University Sanger Institute	Monash University	Max Planck Society	
Council on Health Research for Development	Max Delbrück Center for Molecular Medicine			
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Partner Symposium	Partner Symposium	Partner Symposium		
Behavioral Economics and Health Policy:	Filling the Gap between Basic and Clinical	The Future of Nursing:		
Promoting Healthy Decision Making Johns Hopkins Bloomberg School of Public Health	Research Kyoto University Graduate School of Medicine	Education, Workforce and Policy Monash University		
University of São Paulo	London School of Hygiene & Tropical Medicine			
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Partner Symposium	Partner Symposium	Partner Symposium	Partner Symposium	
Economic Crisis and Its Impact on Health	Incentivizing Diagnostics Development and	Human Resources for Health - Contributions	Mental Health in Urban Environments	
Imperial College London	Bringing New Tools to Patients	to Overcoming the Crisis	Charité — Universitätsmedizin Berlin	
London School of Hygiene & Tropical Medicine	Foundation for Innovative New Diagnostics Bill and Melinda Gates Foundation	Bread for the World / DIFAEM Oxfam / Action for Global Health	LSE Cities Alfred Herrhausen Gesellschaft	
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	World Health So	ummit Ceremony		
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World Health Summit Reception				



Keynote Lectures

Chairs:

Welcome Addresses to the World Health Summit 2012





Co-Hosts: Johns Hopkins Bloomberg School of Public Health

Charité — Universitätsmedizin Berlin

Michael J. Klag | President of the World Health Summit 2012, Dean | Johns Hopkins Bloomberg School of

Public Health | United States of America

Ulrich Frei | Director | Charité — Universitätsmedizin Berlin | Germany

Keynote Messages

Ulrich Frei | Director | Charité — Universitätsmedizin Berlin | Germany

Michael J. Klag | President of the World Health Summit 2012, Dean | Johns Hopkins Bloomberg School of Public Health | United States of America

Philip D. Murphy | Ambassador | Embassy of the United States of America in Berlin | Germany

Opening Doors Worldwide through Medical Science

Peter Agre | Director | Johns Hopkins Malaria Research Institute Bloomberg School of Public Health | United States of America

The major lesson I learned from a four-decade career in medical science is that we have a unique opportunity to make the world a better place. As a student at Johns Hopkins in the 1970's, I worked in an international research laboratory on the important, but not glamorous, problem of infectious diarrhea. This work brought me in contact with a group of fascinating and colorful researchers from around the world, and it certainly changed my life. Subsequently as a Johns Hopkins faculty member, our research group discovered the aquaporin water channels that facilitate the movement of water across cell membranes. This led to multiple international collaborations including studies with renal physiologists in Denmark, neuroscientists in Norway, structural biologists in Switzerland and Japan, and field workers in Africa. While the practical value of these discoveries is just emerging, valuable new preventive strategies and treatments for multiple disorders are anticipated, including renal failure, brain edema, blindness, wound healing, and infectious diseases. In addition to achievements in the laboratory and clinic, the human contacts we have developed have proven useful to address serious infringements of human rights and may even open doors to countries isolated by ideology or repressive regimes, establishing valuable areas of engagement. The potential of medical science should continue to be explored and is a source of great optimism for an otherwise troubled planet.



Michael J. Klag



Ulrich Frei



Philip D. Murphy



Peter Agre

Social Event Welcome Lunch

OM - 131 Main Foyer 12.45 - 13.15

The welcome lunch takes place at the Main Foyer.

Partner Symposium

Beyond Forum 2012: Research and Innovation for Health, Equity and Development

PS - 141 Main Hall 13.15 - 14.45

Host: Council on Health Research for Development

Outline:

Forum 2012 (www.forum2012.org) was co-hosted this year by the Council on Health Research for Development (COHRED) and the South African Departments of Science & Technology and Health. Its mission was to bring together researchers, policymakers, civil society, funders and industry to drive the role of research and innovation (R&I) in the emergent South to as the future mode for development in a world moving beyond aid. Strong themes resulted: the need to support capacity for R&I, to foster strong partnerships (between South and North, South and South), and to encourage greater investment from all. Participants left Forum 2012 inspired, but knowing that greater clarity could be brought to the path ahead. At the 2012 World Health Summit, COHRED welcomes the opportunity to pursue the thread of R&I for development in a multi-polar world. How can we increase R&I investments? How can we address growing gaps in health equity? We bring together Forum 2012 panellists, with some fresh faces.

Chair: Carel IJsselmuiden | Executive Director | The COHRED Group | Switzerland

Panelists: Jo Boufford | President | New York Academy of Medicine | United States of America

Jennifer Dent | Vice President | Commercialisation and Alliance Management at BioVentures for Global Health

(BVGH) | United States of America

Sania Nishtar | Founder | Heartfile | Pakistan

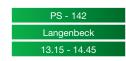
Hassan Mshinda | Director General | Tanzania Commission for Science and Technology | United Republic of

Ianzania

Konji Sebati | Department of Traditional Knowledge and Global Challenges | World Intellectual Property

Organization (WIPO) | Switzerland





Can the Genomics Revolution Improve Global Health?



Hosts:

Monash University

Sanger Institute

Max Delbrück Center for Molecular Medicine (MDC)



Outline:

The genome revolution has revealed the genetic composition of many species. What have we learned and what will be its impact on human health? Talks will cover (i) the human genome including identification of genes

implicated in human disease and opportunities for improving health (ii) pathogen genomics and its use for better infection control (iii) plant genomics and implications for better nutrition and (iv) barriers to utilization of this

information for better global health.



Chairs:

Ross Coppel | Deputy Dean and Director of Research | Monash University | Australia

Walter Rosenthal | Scientific Director | Max Delbrück Center for Molecular Medicine (MDC) | Germany

Integrating Genomics into Disease Surveillance

Dominic Kwiatkowski | Group Leader - Malaria Programme | Wellcome Trust Sanger Institute | United Kingdom

The Impact of Microbial Genomics on Global Health

Anton Peleg | Research Fellow - Department of Microbiology | Monash University | Australia

Plant Genomics to Improve Human Nutrition and Food Security

Gavin Ramsay | Research Leader in Cell and Molecular Sciences | The James Hutton Institute | United Kingdom

Barriers to the Exploitation of Genomic Information for Improving Global Health

Ross Coppel | Deputy Dean and Director of Research | Monash University | Australia

Partner Symposium Social Accountability of Medical Schools and Academic Health Centres

Host: Monash University

Outline: This session will look at novel approaches to medical schools addressing their social accountability

> responsibilities. These will range from how we engage with developing health care systems, diversify entrance to health professional education and use entrepreneurial and regulatory opportunities to increase research and

therapeutic opportunities. The session will broaden our perspectives on the challenges of our social

accountabilities.

Chair: David De Kretser | Former Governour of Victoria | Monash University | Australia

> Collaboration between the North and South. How to Use Education and Research to Build Health Care Capacity Neil Johnson | Pro Dean Education Professor of Medical Education | Warwick University | United Kingdom

Academia for Development (A4D) ... Design Engineering Collaborative Innovation Solutions

Peter Mountford | Principle | Public Systems Innovation | Australia

Equitable Licensing/med4all

Christine Godt | Professor of Law, Chair of European and International Economic Law | Carl-von-Ossietzky

University Oldenburg | Germany

Hands on Health - Programs to Increase Access of Students from Socially Disadvantaged Backgrounds to Health Professional Training

Andrew Block | Acting Director, General Medicine Dandenong Hospital Head, Refugee Health Service, Southern Health Director, Medical Student Programs | Monash University | Australia





Vaccines for Neglected Diseases in Developing Countries



Host: Max Planck Society

Outline: "Neglected Diseases" are affecting the majority of the world's population.

Considering the cost/benefit relationship of vaccines, disease prevention is an attractive measure to save lives. Recent scientific and technical developments have resulted in novel vaccine approaches. Development and production of vaccines has also seen a major shift towards Asia, where a large proportion of products are manufactured today.

This symposium is dedicated to highlighting disruptive technologies and novel ways to create vaccines for those

most in need.

Chair: Peter H. Seeberger | Director | Max Planck Institute of Colloids and Interfaces Department of Biomolecular

Systems | Germany

Current Status and Future Directions for AIDS Vaccine Development

Wayne Koff | Chief Scientific Officer Senior Vice President R&D | International AIDS Vaccine Initiative | United

States of America

Increasing Access to Immunisation and Making Vaccines More Affordable

Helen Evans | Deputy Chief Executive Officer | GAVI Alliance | Australia

Synthetic Carbohydrate Conjugate Vaccines

Peter H. Seeberger | Director | Max Planck Institute of Colloids and Interfaces Department of Biomolecular

Systems | Germany

Partner Symposium Behavioral Economics and Health Policy: Promoting Healthy Decision Making

PS - 151 Main Hall 15.00 - 16.30

Johns Hopkins Bloomberg School of Public Health Hosts:

University of São Paulo

Outline: The field of behavioral economics has demonstrated that consumers regularly behave in ways that contradict

standard assumptions of economic analysis. Rather than make decisions which maximize their utility (or happiness), consumers frequently have difficulty making wise or rational choices. This is particularly important with respect to consumers' lifestyle behaviors given the effects that these decisions can have on health. In this session we will begin by providing an overview of behavioral economics and the main reasons underlying irrational consumer behavior. We will then present evidence about the impact of environmental factors on consumer choices. We will identify structural and environmental barriers to healthy eating. We will summarize stakeholder perspectives on effective policy alternatives to promote healthy behavior in low and middle income

countries.

Chair: Sara Bleich | Assistant Professor | Johns Hopkins Bloomberg School of Public Health | United States of America

Overview of Behavioral Economics: Why Do Consumers Behave Irrationally?

Bradley Herring | Associate Professor | Johns Hopkins Bloomberg School of Public Health | United States of America

Impact of Environmental Factors on Individual Choices

Sara Bleich | Assistant Professor | Johns Hopkins Bloomberg School of Public Health | United States of America

Structural and Environmental Barriers to Healthy Eating

Cecile Knai | Lecturer | London School of Hygiene and Tropical Medicine | United Kingdom

Stakeholder Analysis of Effective Policies to Promote Healthy Behavior in Low and Middle Income Countries Antonio Trujillo | Assistant Professor | Johns Hopkins Bloomberg School of Public Health | United States of America







Filling the Gap between Basic and Clinical Research



Hosts:

Kyoto University Graduate School of Medicine London School of Hygiene & Tropical Medicine



Outline:



Developing medicines cost billions and takes years, due to failures in the drug development pipeline. Reducing random and systematic error in data used to decide which drugs go forward is vital. Many basic scientists are unfamiliar with the epidemiological methods used to reduce error and epidemiologists are unfamiliar with basic science techniques. As a result, collaboration although of considerable benefit is difficult. Bridging the interdisciplinary gap has huge potential in drug development.



Chairs:

Shunichi Fukuhara | Professor | Kyoto University Graduate School of Medicine, Vice-Provost Fukushima Medical University | Japan

Ian Roberts | Professor | London School of Hygiene & Tropical Medicine | United Kingdom

Brief Overview of the Objectives and Significance of this Entire Session

Shunichi Fukuhara | Professor | Kyoto University Graduate School of Medicine, Vice-Provost Fukushima Medical University | Japan

The Prospects for Greater Interdisciplinary Collaboration Based on Our Experience in Kyoto (Video Presentation)

Motoko Yanagita | Kyoto University School Graduate School of Medicine | Japan

How the Application of Epidemiological Principles to the Design and Conduct of Animal Experiments Can Improve the Validity of Inferences from Animal Research

Malcolm McLeod | Professor | University of Edinburgh | United Kingdom

How Large Efficient Multi-Center Clinical Trials Can Provide Reliable Information on Treatment Safety and Effectiveness without Costing Tens of Millions of Dollars

Ian Roberts | Professor | London School of Hygiene & Tropical Medicine | United Kingdom

Partner Symposium The Future of Nursing: Education, Workforce and Policy

PS - 153 Virchow

Host: Monash University

Chair:

Outline: Nursing faces many challenges globally. The WHO has proposed a number of resolutions to address these

challenges including comprehensive programmes for the development of human resources for health which support recruitment and retention of the nursing workforce, involving nurses in the development of health systems, local implementation of the WHO's strategic directions for nursing, regular review of legislation and regulatory processes, collection and use of nursing core data, ethical recruitment of the nursing workforce. This symposium addresses some of these proposals with emphasis on specific country experiences.

This session will take the format of 3 speakers followed by a panel discussion. Each speaker will talk for 20 minutes and there will be a general discussion with audience participation to follow.

Wendy Cross | Professor and Head | School of Nursing and Midwifery | Monash University | Australia

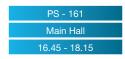
Together We Can – Upscaling Nursing in South Africa – Education, Practice, Image and Professionalism Sharon Vasuthevan | Executive Director, Education | Life Healthcare Group | South Africa

Deepening the Collective Handprint of Nursing: Transformative Education Models in Sub-Saharan Africa Jennifer Dohrn | Project Director ICAP | University of Columbia | United States of America

Panel Discussion







Chair:

Economic Crisis and Its Impact on Health



Hosts: Imperial College London

London School of Hygiene & Tropical Medicine



Rifat Atun | Imperial College London | United Kingdom

Speakers: Martin McKee | London School of Hygiene and Tropical Medicine | United Kingdom

Thomas Zeltner | World Health Organization | Switzerland

 $Hans\ Kluge\ |\ Director\ Division\ of\ Public\ Health\ and\ Health\ Systems\ |\ WHO\ Regional\ Office\ for\ Europe\ |\ Denmark\ Systems\ |\ WHO\ Regional\ Office\ for\ Europe\ |\ Denmark\ Systems\ |\ MHO\ Regional\ Office\ for\ Europe\ |\ Denmark\ Systems\ |\ MHO\ Regional\ Office\ for\ Europe\ |\ Denmark\ Systems\ |\ MHO\ Regional\ Office\ for\ Europe\ |\ Denmark\ Systems\ S$

Triin Habicht | Estonia Health Insurance Fund | Estonia Farhad Riahi | Novartis International AG | Switzerland



Incentivizing Diagnostics Development and Bringing New Tools to Patients

PS -162 Langenbeck 16.45 - 18.15

Hosts: Foundation for Innovative New Diagnostics

Bill and Melinda Gates Foundation

Outline: This symposium will address the process of moving rapidly from the development of a new diagnostic test

through to its widespread use in endemic countries. The multi-disciplinary panel will discuss with the audience how to overcome the different types of challenges and bottlenecks. It will also highlight the implications of new

tools implementation and how they can support disease elimination efforts.

Chair: Philippe Jacon | Chief Executive Officer | Foundation for Innovative New Diagnostics (FIND) | Switzerland

Enabling Point-of-Care Diagnostics through Standard Setting

Gene Walther | Deputy Director, Diagnostics | Bill & Melinda Gates Foundation | United States of America

The Contribution of New Diagnostics to Health Systems Strengthening

Rosanna Peeling | Professor & Chair Diagnostics Research | London School of Hygiene and Tropical Medicine |

United Kingdom

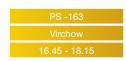
Impact of BD's Public Private Partnerships on Improving Access to Healthcare in the Developing World Renuka Gadde | Senior Director, Global Health | Becton Dickinson & Company (BD) | United States of America

New and Affordable Technologies for Diagnostics at the Point of Need

Frank Bier | Director, Branch Potsdam | The Fraunhofer Institute for Biomedical Engineering | Germany







Partner Symposium Human Resources for Health – Contributions to Overcoming the Crisis



Hosts: Bread for the World

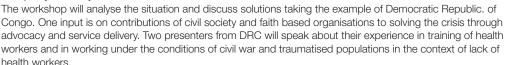
DIFAEM Oxfam

Action for Global Health



Outline: In resource-poor countries, the lack of qualified health workers is a critical reason for poor health outcomes and

low quality health systems.





The focus will be on the questions: how can good quality training be provided? What are the prerequisites to retaining trained health personnel? How can a sustainable contribution of trained health workers to improvement

of health outcomes be achieved?



Chair:

Sonja Weinreich | Senior Health Advisor | Bread for the World | Germany

Welcome and Introduction

Tobias Luppe | Global Health Advocacy Advisor | Oxfam | Germany

Impact of Health Worker Shortages on Care for Survivors of Sexual Violence – Experience from a DRC Irène Tchangou | Consultant Gynecology | Pansi Hospital | The Democratic Republic of Congo

Role of Non-Governmental Organisations and Faith Based Organisations in Solving the Health Worker Crisis – Advocacy and Care Delivery

Gisela Schneider | Director | German Institute for Medical Mission (DIFAEM) | Germany

How to Train and Retain Health Workers in Resource-Constrained-Settings – Experience from DRC Philippe Lukanu Ngwala | Academic Coordinator | Protestant University of Congo | The Democratic Republic of Congo

Partner Symposium Mental Health in Urban Environments

Hosts: Charité — Universitätsmedizin Berlin

LSE Cities / Alfred Herrhausen Gesellschaft

Outline: Up to 70 per cent of the world's population are estimated to be living in urban areas by 2050. Therefore, global

health will be increasingly determined in cities. Mental health has shown to be particularly at risk in urban dwellers with diseases such as major depression, anxiety disorders or schizophrenia showing higher incidences in urban compared to rural environments although urban populations do in average live under improved conditions with regard to access to health care, sanitation or economic status. The reason for this difference is unclear. Stress exposure associated with urban living and urban upbringing seems to play a major role. But what are the factors that put urban dwellers at stress and how does urban stress get "under the skin"? Facing the rapid global process of urbanization it seems essential to align and combine knowledge and methodologies from city planning, architecture and social sciences with medicine and neuroscience to increase our understanding of urban stress and its modulators and by which mechanisms they may translate into brain disorders. By moving towards a new "neurourbanism" we may be better able to develop adequate strategies for the prevention of

mental-ill health for urban populations.

Mazda Adli | Director Mood Disorders Research Group | Department of Psychiatry and Psychotherapy CCM,

Charité — Universitätsmedizin Berlin | Germany

The Pressures of Density

Richard Burdett | Director | LSE Cities, London School of Economics and Political Science | United Kingdom

Urban Living and Mental Health - Impact of City Living on Brain Activity

Andreas Meyer - Lindenberg | Director | Central Institute of Mental Health Mannheim | Germany

Discussion Urban Mental Health: A Call for Joint Action of Policy, Urban Planning and Science

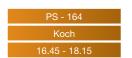
The Experience of Social Exclusion in Cities

Andreas Heinz | Department of Psychiatry and Psychotherapy CCM, Charité — Universitätsmedizin Berlin | Germanv

Panelists:

Chair:

Andreas Meyer - Lindenberg | Director | Central Institute of Mental Health Mannheim | Germany Richard Burdett | Director | LSE Cities, London School of Economics and Political Science | United Kingdom Andreas Heinz | Department of Psychiatry and Psychotherapy CCM, Charité — Universitätsmedizin Berlin | Germany

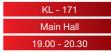












Keynote Lectures

World Health Summit Ceremony



Michael J. Klag



Detlev Ganten



Annette Grüters-Kieslich



Klaus Wowereit



Michael J. Klag | President of the World Health Summit 2012, Dean | Johns Hopkins Bloomberg School of Public Health | United States of America

Detlev Ganten | Founding President of the World Health Summit | Charité — Universitätsmedizin Berlin | Germany

Welcome Messages

Annette Grüters-Kieslich | Dean | Charité — Universitätsmedizin Berlin | Germany Klaus Wowereit | Governing Mayor of Berlin | Germany

Universal Health Coverage - Guaranteed Now and in the Future Daniel Bahr | Minister of Health | Federal Ministry of Health | Germany

Music Intermission

Keynote Lecture

Marisol Touraine | Minister for Health and Social Affairs | France (tbc)

Keynote Lecture

Michael Marmot | Professor of Epidemiology and Public Health | University College London | United Kingdom



Daniel Bahr



Marisol Touraine



Michael Marmot

Art & Entertainment

The four young female cellists who will see to the musical variety of the Ceremony have been training at renowned music institutes in Berlin and Münster, Germany.

Julia Wasmund (20) is studying violoncello as major subject at the music academy of Münster since October 2011. Jasmin Mai (18) and Jasmin Hubert (18) are students at the Carl-Philipp-Emanuel-Bach music college in Berlin. Nina Monné (21) attended the Julius-Stern-Institute of the University of the Arts in Berlin through the summer of 2011.

They will be playing the following pieces:

Brian Kelly Two Spanish pieces 5'00

Pjotr Iljitsch Tschaikowski Valse sentimentale op. 51 Nr. 6 1'30

Ernesto Nazareth Brejeiro 3'00

Social Event

World Health Summit Reception

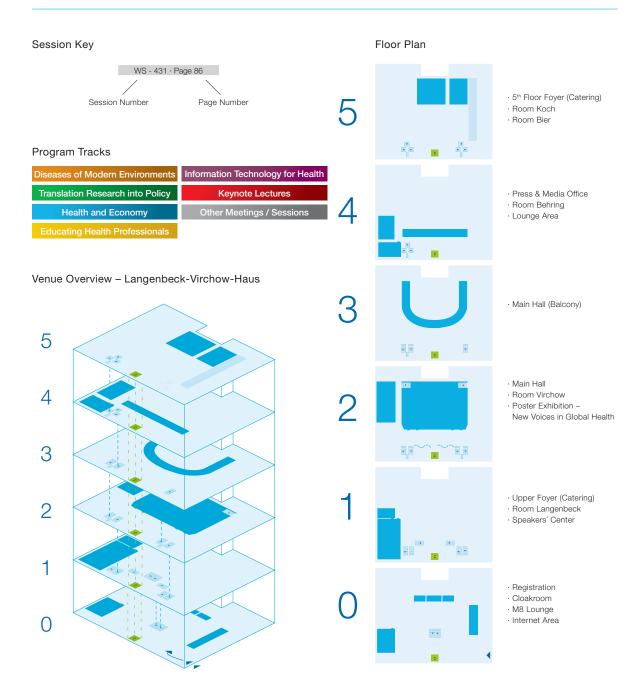
The reception takes place at the Main Foyer.

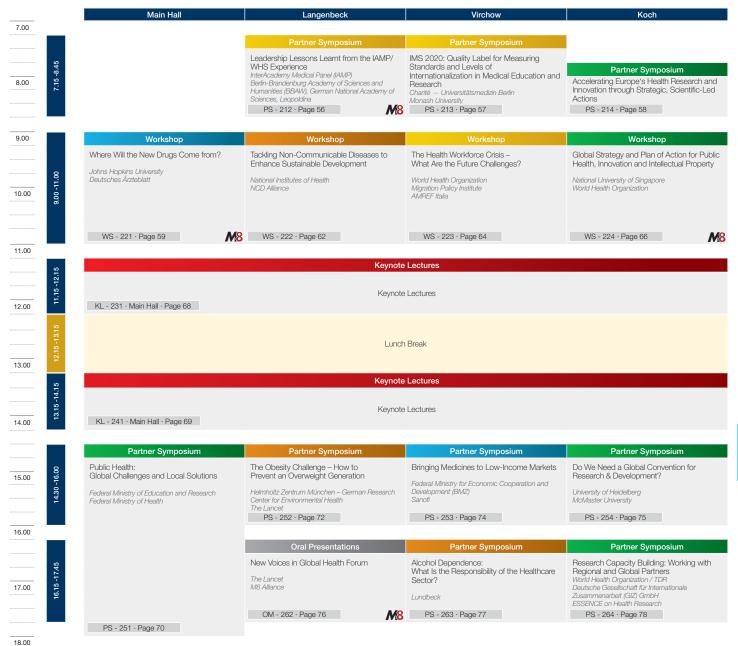
OM - 181 Main Foyer 20.30- 21.30



SUMMIT PROGRAM Monday, October 22nd

Key & Notes





Partner Symposium Leadership Lessons Learnt from the IAMP/WHS Experience



Hosts: InterAcademy Medical Panel (IAMP)

Berlin-Brandenburg Academy of Sciences and Humanities (BBAW)

German National Academy of Sciences, Leopoldina



Outline:

The session will comprise of an introductory overview of the YPL programme followed by personal stories of four

YPLs presented as case studies. The floor will then be invited for open discussion. "What do's and dont's do you consider important for a young physician leader?"



Leopoldina Nationale Akademie der Wissenschaften Chairs:

Tanvira Afroze Sultana | Senior Scientific Officer, Hematology | Bangladesh Institute for Research and

Rehabilitation of Diabetes Endocrine and Metabolic Disorders | Bangladesh

Fedor Moiseenko | Assistant Professor | N.N. Petrov Research Institute of Oncology, St-Petersburg | Russian

Federation



Biljana Gjoneska | Research Assistant, MD | Neuroinformatics Division, Department of Bioinformatics, Research Center for Energy, Informatics and Materials | The Former Yugoslav Republic of Macedonia

The Making of a Female Physician Leader from Bangladesh

Tanvira Afroze Sultana | Senior Scientific Officer, Hematology | Bangladesh Institute for Research and Rehabilitation of Diabetes Endocrine and Metabolic Disorders | Bangladesh

A Case Study of YPL from Russia

Fedor Moiseenko | Assistant Professor | N.N. Petrov Research Institute of Oncology, Saint Petersburg | Russian Federation

My Story from Nigeria

Anthony Oyekunle | Senior Lecturer & Consultant Hematologist | Obafemi Awolowo University | Nigeria

Of Having Dreams and Starting Somewhere

Raul Destura | Associate Professor of Medicine and Director | National Institutes of Molecular Biology and Biotechnology | Philippines

Summary of Our Online Meta-Analytic Survey

Anthony Oyekunle | Senior Lecturer & Consultant Haematologist | Obafemi Awolowo University | Nigeria

IMS 2020: Quality Label for Measuring Standards and Levels of Internationalization in Medical Education and Research

PS - 213 Virchow 07.15- 08.45

Hosts: Charité — Universitätsmedizin Berlin

Monash University

Outline: IMS 2020 stands for "International Medical School 2020" and is a three year Erasmus LLP project funded by the

EU aiming to create a quality label that will measure levels and standards of internationalization at medical

schools world wide.

Chairs: Rachel Seeling | IMS 2020 Project Manager | Charité — Universitätsmedizin Berlin | Germany

Ben Canny | Deputy Medical Dean | Monash University | Australia

The IMS 2020 Project - Background, Philosophy and Aims

Ulrike Arnold | Head of Charité International Cooperation | Charité — Universitätsmedizin Berlin | Germany

IMS 2020: Methodology and Quality Label Proposal

Joanna Gajowniczek | Quality Office Manager | Medical University of Warsaw | Poland





PS - 214 Koch 07.45 - 08.45

Partner Symposium

Accelerating Europe's Health Research and Innovation through Strategic, Scientific-Led Actions: The European Council for Health Research



Host: Alliance for BioMedical Research in Europe (BioMed Alliance)

Outline: Research is the key to identifying causes of disease and developing strategies for health promotion and

prevention, diagnosis and treatment. However, many promising discoveries are not benefitting patients as rapidly as expected. Scientific leadership from the outset is essential to achieve the translation of findings into innovative outcomes that will improve the health of citizens. Involving experts from across the continuum can reduce

fragmentation and encourage cross-cutting of expertise.

Chairs: Karin Sipido | BioMed Alliance Vice-President, Biomedical Sciences Research Coordinator | Catholic University

Leuven | Belgium

Laurent Nicod | BioMed Alliance Treasurer | University of Lausanne Centre Hospitalier Universitaire Vaudois

(CHUV) | Switzerland

Ensuring a Single Voice: The Alliance for Biomedical Research in Europe

Ulf Smith | Professor | University of Gothenburg | Sweden

Need for Strategic Action in Health Research: Advantages and Challenges for Rheumatic and

Musculoskeletal Diseases

Maxime Dougados | EULAR President (The European League Against Rheumatism) | Hopital Cochin | France

Need for Strategic Action in Health Research: Advantages and Challenges for Neurological Diseases

Gustave Moonen | Secretary General | European Federation of Neurological Societies | Austria

How to Improve Health Research and Innovation in Europe: The Need for Strategic, Scientific-Led Action

Julio Celis | Associated Director | Danish Cancer Society | Denmark

Health Research in Horizon 2020: The Political Context

José Mariano Gago | Former Portuguese Minister for Science | Portugal

Discussion

Session Concludes

Co-Hosts:

Workshop Where Will the New Drugs Come from?

Johns Hopkins University Deutsches Ärzteblatt

Outline: Drug companies are facing a patent cliff, in which the expiration of current patents are unlikely to be replaced by

new patented drugs. Publicly funded research institutions are not designed to develop drugs in an accelerated manner. The implications are enormous; from the drastic reduction in funding for drug discovery to the complete withdrawal of development in such therapeutic areas as psychiatry. This problem represents a public health challenge because the goal of drug companies to improve productivity in discovery is consistent with the public

interest to combat disease.

In order to explore the challenges and solutions to the declining productivity of drug development, this session is divided into two sections. In the first section, we will discuss the latest findings in epigenetic and ethno-medical approaches to target and molecule identification. Specifically, we explore how population level genomic information can be used to identify unique pharmacogenetic interactions. Such approaches represent a small step to fully realizing the potential of personalized medicine. We also explore the research in molecule identification through the mining of the traditional Chinese pharmacopeia. Such approaches may accelerate the development process since these substances are already being consumed by humans. In the second section, we discuss the benefits and costs of innovative organizational arrangements such as exchanges and public/private partnerships to facilitate drug discovery. Such open innovation arrangements draw from the combined strengths of academia, private foundations, public research institutes, and industry. We explore the ways in which discovery can be accelerated and the impediments to the effective use of such

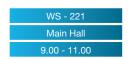
The ultimate goals of our discussions is to distill lessons learned, future research directions, and possible policy implications.

Chairs: Vera Zylka-Menhorn | Senior Medical Editor | Deutsches Ärzteblatt | Germany

arrangements, including the intellectual property ownership issues that may arise.

Phillip H. Phan | Professor and Executive Vice Dean | The Johns Hopkins Carey Business School | United States

of America







Deutsches Ärzteblatt



Phillip H. Phan

Yik-Ying Teo



Joseph M. Jasinski



Eu Leong Yong



P Antonio Tataranni

Emerging Pharmacogenomic Approaches to Drug Discovery

Yik-Ying Teo | Associate Professor and Head, Biostatistics | National University of Singapore Saw Swee Hock School of Public Health | Singapore

The process of drug design and development is progressively incorporating the use of genetic information. By conferring a directed approach in designing a novel drug therapy to target the action of particular gene or biological pathway, pharmacogenomic strategies are reducing the time needed and the costs of the drug development process. The genetic basis of the design means the participants in the clinical trials can be stratified according to whether they respond favourably or not, or even adversely, on the basis of their genetic profiles. By clearly defining the population stratum that the drug is expected to be effective in, the three phases of the clinical trials can proceed more efficiently and with lesser reports of adverse events. Even for existing drugs, genetic screenings are starting to improve dose determination, minimize side effects and to optimize the identification of the most appropriate drug therapy. Pharmacogenomic strategies are thus expected to reduce overall costs.

Big Data Science Enabled Drug Discovery and Development

Joseph M. Jasinski | IBM Distinguished Engineer and Global Industry Executive | IBM Research | United States of America

As traditional approaches to new discovery and development increasingly fail to produce an adequate yield of new blockbuster drugs, the industry is turning to new data sources and new analytic approaches to try to improve the yield of R&D pipelines. Potentially valuable new sources of insight may come from 'Big Data' - large amounts of partially structured or unstructured data in clinical notes, journals, FDA reports and from real world evidence derived from patient records. We will discuss some of these new data sources and the analytics that can be applied to them.

Mining Traditional Chinese Medicine (TCM) for New Multicomponent Drugs

Eu Leong Yong | Professor and Head, Obstetrics & Gynaecology | National University of Singapore Yoo Loo Lin School of Medicine | Singapore

Multicomponent drugs of botanical origin have been used for millennia for boosting health and treatment of disease. Despite its popularity, long historical usage and a huge upswing in research activities, TCM drugs suffer from insufficient quality control and lack of clinical evidence for efficacy and toxicity. New research methodologies are needed to incorporate historical data to predict safety and efficacy and for standardized production of such complex mixtures. Supportive regulatory/intellectual property frameworks and innovative financial/business models to support high quality clinical trials may unleash TCM's potential to generate affordable new drugs from this rich ancient pharmacopeia.

The Translational Medicine (TM) Opportunity

P. Antonio Tataranni | Vice President, Global Medical Operations | Sanofi | France

Understanding factors leading to the discovery of new drugs is important for the patients, the health care industry and society at large. Many have concluded that the dearth of new drugs in the past decade is due at least in part to the financial (and other) inefficiencies that have progressively built into the industrialized approach to R&D of large pharma companies. Thus, a race to embrace collaborations with biotech and universities is now on. When looking at where new medicines have come from in the past decade, same analysis indicate that about half of the approved drugs that addressed true unmet medical needs and were scientifically innovative came from biotech and academia combined. Since the most striking discoveries often come from combining knowledge across disparate domains, there are many reasons to believe that mastering the complexity of biology through intense TM based collaboration between pharma, biotech and academia will reenergize drug discovery.

Open Innovation Approaches to Drug Discovery

Ludo Lauwers | Senior Vice President | Johnson & Johnson/ Janssen Pharmaceuticals | Belgium Ajit Shetty | CEO | Johnson & Johnson/ Janssen Pharmaceuticals | Belgium

The biopharmaceutical industry in general suffers from a decline in productivity of research and development. The cost of developing a new medicine has increased dramatically, as have total R&D expenditures, while the hurdles to bring a new medicine to the market have significantly increased. Hence the rate of introduction of new molecular entities has not risen in last decade (Nature Reviews). In order to develop new innovative medicines for the most important current unmet medical needs such as diabetes, Alzheimer and cancer, the industry needs access to the best science, change the business model, share risks and focus more than ever. Open innovative collaborations with academia and biotech supported by government (triple helix) are the way forward. Trust, confidentiality, shared IP and proximity are key success factors for this type of joint efforts. Private public partnerships, for example the Innovative Medicines Initiative, can play an important role.

Partnering with Academic Medical Drug Discovery Centers

Jeffrey Rothstein | Director | Johns Hopkins Bloomberg School of Public Health School of Medicine Brain Science Institute | United States of America

Barbara Slusher | Director | Johns Hopkins Bloomberg School of Public Health School of Medicine Brain Science Institute | United States of America

The business of drug discovery is changing. Pharma has historically played the principal role in small molecule drug development, and academia has traditionally conducted the basic research studies, providing pharma with the molecular targets to pursue. However the contributions of these groups are being redefined to meet the current economic and innovation challenges. What are the opportunities, challenges and risks to be addressed? What will this new future look like? This talk will detail the changes and debate the bottlenecks, focusing on how can the entities can complement each other and advance drug discovery.



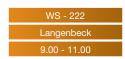
Ludo Lauwers



Ajit Shetty



Barbara Slusher



Workshop

Tackling Non-Communicable Diseases to Enhance Sustainable Development



Co-Hosts:

National Institutes of Health

NCD Alliance



Outline:

The session will:

- Outline the evidence of the interconnections between NCDs and sustainable development
- Share best practice solutions and examples of co-benefit approaches for NCDs and sustainable development, from different sectors and countries
- Discuss "Whole-of-Government" and "Whole-of-Society" approach to mitigate the alarmingly rising trends of NCDs, particularly in the LMICs.
- Discuss opportunities and initiatives at the global level to integrate NCDs into the global development.



Arun Chockalingam | Director, Office of Global Health | National Heart Lung and Blood Institute | United States of America

Judith Watt | Director | NCD Alliance | United Kingdom

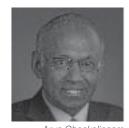
Presentation

KC Tang | Coordinator Health Promotion | World Health Organization | Switzerland

A Whole-of-Society Approach to NCD Prevention and Control: Focused and Time-Bound Convergence in Science, Policy and Innovation

Laurette Dubé | Founding Chair and Scientific Director | McGill World Platform for Health and Economic Convergence | Canada

A Whole-of-Society (WoS) approach is presented to prevent and control NCDs with sufficient scale, scope, and timeliness. It is articulated around focused and time bound roadmaps at the nexus between agriculture, food, and other industries supporting development, with nutrition, education, health and healthcare. Roadmaps emerge from a sustained convergence process between science, policy and innovation, a process anchored into synergy, accountability, transparency, and collaborative interdependency. Roadmaps are vehicles for changes to achieve health and economic impact at scale and build resilience with and for individuals and populations. They have a strong focus on harnessing the power of business as a catalyst for real-world change, operating through collaboration of private sector organizations with NGO/social enterprises, policy makers and academics at community, state, national and global levels. Roadmaps are developed and deployed, one project at a time, sparking a social movement enabling different types of players to work independently as well as collaboratively to innovate our way toward NCDs prevention and control. Five key challenges are discussed.



Arun Chockalingam

Program Mon 22

Panelists:

Johanna Ralston | Chief Executive Officer | World Heart Federation and NCD Alliance | Switzerland Liu Lisheng | President | World Hypertension League | China

 ${\sf Mehmood\;Khan\;|\;Chief\;Scientific\;Officer\;and\;Executive\;Vice\;President\;|\;Pepsico\;|\;United\;States\;of\;America}$

Katie Dain | Global Advocacy Manager | International Diabetes Federation | Belgium



Johanna Ralston

Workshop

The Health Workforce Crisis – What Are the Future Challenges?



Co-Hosts: World

World Health Organization Migration Policy Institute

AMREF Italia



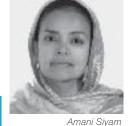
Outline:

In 2006, the WHO brought into focus the global picture of the health workforce. At the crux, 57 countries were identified as suffering critical shortages equivalent to a global deficit of 2.3 million doctors, nurses and midwives(1). In 2010, the WHO Global Code of Practice on the International Recruitment of Health Personnel (the "Code") was adopted by the 193 Member States of the WHO. At the national level, the Code serves as an entry point among multiple stakeholders associated with the development of the health workforce infrastructure. This workshop aims to stimulate a wide discussion of renewed commitments to strengthening HRH at the heart of the health delivery system.



Objectives of the session:

- To provide a synopsis of monitoring the trends of change in the 57 crisis countries since the WHR 2006 and to present the status of monitoring the Implementation of the "Code".
- To reflect on the opportunities and challenges faced in the country-implementation of the Code.
- As a back drop of the Code implementation, to reflect on recent trends in international migration of the health workforce in the periods of economic boom to crisis.
- To orient the audience on the role of Civil Society (at the national and regional levels) is supporting the objectives of the WHO "Code".



Chair:

Willem Van Leberghe | Director | World Health Organization | Switzerland

Migration of Health Professionals - Lesotho

Lucy Makoae | Deputy Minister of Health | Ministry of Health | Lesotho

The WHO Code - From Principles to Practice and Monitoring

Amani Siyam | Statistician | Human Resources for Health Unit, Department for Health Systems Policies and Workforce (HPW) | World Health Organization | Switzerland

In 2006, the WHO brought into focus the global picture of the health workforce. At the crux, 57 countries were identified as suffering critical shortages equivalent to a global deficit of 2.3 million doctors, nurses and midwives. A brief update on the situation of the HRH crisis countries will be presented. In 2010, the WHO Global Code of Practice on the International Recruitment of Health Personnel (the "Code") was adopted by the 193 Member States of the WHO. To facilitate the reporting process under the Code, and in response to the request made by member states to the Director-General, the Secretariat developed the National Reporting Instrument (NRI) as a "kick start" country-based, self-assessment tool to monitor the progress made in implementing the Code. A brief description of the instrument and the preliminary findings will be provided.

Program Mon 22

ogram on 22

Health Workforce Challenges, the WHO Code and Country Experiences Otto Christian Rø | Project Director | Norwegian Directorate of Health | Norway

Three health workforce reports line up a domestic health workforce policy frameworks and strategies towards developing countries. In 2010 and 2011 relevant stakeholders gathered to share opinions and experiences and to increase the awareness of the Code. Norway's WHO Code report to HQ shows: in 2010 82 % of registered physicians, nurses and midwives worked in the health sector; 18 % born abroad; 15 % trained abroad, 3 % in one of the 57 countries with critical shortage of health personnel (World Health Report 2006). There is a net immigration of labor force to Norway. Norway has a national register of its labor force. Activities reducing pull factors of health personnel include: domestic training capacity sufficient to cover country needs, efficient health sector use of the workforce and a shift towards more health preventive policies. Norwegian public forecasts of health workforce show a deficit of health workers from 2020, adding up to a shortage of 75 000 work years by 2035.

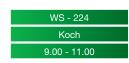


Madeleine Sumption

Immigration and the Healthcare Workforce Since the Global Economic Crisis Madeleine Sumption | Senior Policy Analyst | Migration Policy Institute | United States of America

Immigration flows and policies have evolved considerably over the past five to seven years. Economic turmoil, coupled with ongoing policy adjustments, has shaped the backdrop against which countries recruit and admit skilled health professionals. This presentation will share findings from the Migration Policy Institute's review of recent trends in immigration policy and health-worker migration in four major destination countries—Australia, Canada, the United Kingdom, and the United States—and the opportunities and challenges they raise for the implementation of ethical recruitment practices.

The Role of Civil Society in Making the WHO Global Code Work Giulia de Ponte | Coordinatrice Advocacy | AMREF Italia | Italy



Workshop

Global Strategy and Plan of Action for Public Health, Innovation and Intellectual Property



Co-Hosts:

National University of Singapore World Health Organization



Outline:

The GSPA-PHI is a strategy endorsed by WHO Member States designed to promote new thinking in innovation and access to medicines, which would encourage needs-driven research rather than purely market-driven

research to target diseases which disproportionately affect people in developing countries. The session will highlight main features of the strategy, key recommendations from the Consultative Expert Working Group (CEWG) and reactions/responses from some Member States. The eight elements of the global strategy are designed to promote innovation, build capacity, improve access and mobilize resources. These include:



- 1. Prioritizing research and development needs
- 2. Promoting research and development
- Building and improving innovative capacity 3.
- 4. Transfer of technology
- 5. Application and management of intellectual property to contribute to innovation and promote public health
- 6. Improving delivery and access
- 7. Promoting sustainable financing mechanisms
- Establishing and monitoring reporting systems



Chair:

Tikki Pang | Visiting Professor | National University of Singapore | Singapore

Presentation

Zafar Mirza | Coordinator | Department of Public Health, Innovation and Intellectual Property Innovation, Information, Evidence and Research Cluster | World Health Organization | Pakistan

The WTO's Contribution to the Implementation of the Global Strategy and Plan of Action Roger Kampf | Counsellor, Intellectual Property Division | World Trade Organization | Switzerland

The presentation will focus on the following points:

- WTO's role and mandate with respect to the interface between IPRs and public health in general. This includes offering a forum for discussion (see EU in transit cases, Australia Plain Packaging Bill), solving disputes (see DS114 confirming the compatibility of regulatory review exception with narrow exceptions to patent rights as defined under TRIPS), awareness raising and capacity building;
- Ongoing work in the WTO as it relates to this area, including the annual review of the Paragraph 6 System, and issues discussed in this context:
- The WTO Secretariat's activities related to the GSPA-PHI, including in the field of technical assistance, awareness raising through provision of factual data, and close collaboration with WIPO and WHO;
- A brief report on the forthcoming WHO-WIPO-WTO study on "Promoting Access and Medical Innovation: Intersections Between Public Health, Intellectual Property and Trade".





Roger Kampf

Global Strategy and Plan of Action for Public Health, Innovation and Intellectual Property (GSPA-PHI) – the Contribution of Switzerland

Anja Maurer | Scientific Collaborator - Environment, Transport, Energy and Health Section | Federal Departement of Foreign Affairs | Switzerland

Given its strong pharmaceutical industry, its interest in research and its humanitarian tradition, Switzerland was actively involved in the creation of the Commission on Intellectual Property, Innovation and Public Health (CIPIH) chaired by the former Swiss president Ruth Dreifuss and throughout the negotiations of the Intergovernmental Working Group on Public Health, Innovation and Intellectual Property (IGWG PHI) which led to the adoption of the WHO Global Strategy and Plan of Action on Public Health, Innovation and Intellectual Property (GSPA-PHI). The entire process has been accompanied in Switzerland by an interministerial group involving all relevant ministries responsible for health, foreign affairs, development, IP, trade, drug regulation and research. Switzerland is well aware of the challenges and potential conflicts related with the challenge of providing access to essential medicines for all and will continue to be involved in finding ways to ease those conflicts.



Anja Maurer

Presentation

Precious Matsoso | Director General of Health | National Department of Health | South Africa

Presentation

Usman Ahmad Mushtaq | Liaison Officer to WHO | International Federation of Medical Students' Association | France

KL - 231

Keynote Lectures Keynote Lectures



Peter Piot



Karl-Max Einhäupl



Laurie Garrett



Judith Mackay

Chairs:

Peter Piot | Director | London School of Hygiene & Tropical Medicine | United Kingdom Karl-Max Einhäupl | CEO | Charité — Universitätsmedizin Berlin | Germany

Keynote Lecture

Laurie Garrett | Senior Fellow for Global Health, Science Journalist | Council on Foreign Relations | United States of America

Reducing Tobacco Use around the World – Policies for Public Health Judith Mackay | Senior Advisor | World Lung Foundation | Hong Kong

The tobacco epidemic is expanding, particularly in low and middle income countries, where it will pose an even greater health and economic burden in the future. The harm of tobacco, obstacles to tobacco control, and actions that need to be taken, are surprisingly similar in all nations. The traditional medical model cannot deal with the tobacco epidemic. Any reduction in tobacco use will not be achieved in the corridors of hospitals, but in the corridors of power, involving government, politics, legislation, litigation, taxation, trade; tackling big business, crime and corruption; and forming hitherto unusual partnerships. Proven, effective strategies to reduce the epidemic are already known, such as set out in the WHO Framework Convention on Tobacco Control; it only requires political will to implement these. The new 21st century non-communicable disease epidemics require a new policy-centric paradigm. The cost of inaction on tobacco greatly outweighs investment on prevention today.

Healthcare Over the Next Fifty Years: Capturing the Promise of Scientific, Technological and Economic Progress Eric Cornut | Head Novartis Pharma Region Europe | Novartis Pharma AG | Switzerland

We live in a time of paradox in healthcare: scientific progress (e.g., genomics), technological progress (e.g., mHealth), and economic growth across the globe promise great improvements in healthcare for much of the world's population. However, we see most healthcare systems today struggling to deliver high quality care and good patient outcomes in a financially sustainable manner. Capturing the promise is possible, if the right policy choices are made and if stakeholders work effectively together. Done well, it should be possible to have healthcare systems that improve patient outcomes in a financially sustainable way and contribute to economic growth and development.



Eric Cornut

Keynote Lectures

Keynote Lectures

KL - 241 Main Hall 13.15- 14.15

Chairs: Christina Mitchell | Dean | Monash University | Australia

John Wong | Vice Provost (Academic Medicine) | NUS Yong Loo Lin School of Medicine | Singapore

Time to Stop Wasting Time: Getting Novel Medicine to Patients

Severin Schwan | CEO | Roche | Switzerland

Keynote Lecture

Richard Horton | Editor-in-Chief | The Lancet | United Kingdom



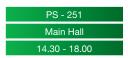
Christina Mitchell



John Wong



Severin Schwan



Public Health: Global Challenges and Local Solutions



Federal Ministry of Health

Co-Hosts:

Federal Ministry of Education and Research

Federal Ministry of Health

The joint symposium will deal with key public health challenges and approaches to their solution from a research, practice and policy perspective.

Outline:

The symposium will consist of two thematic blocks focusing on:

- 1) Public Health research: Priorities and their translation
- 2) Public Health: From Science through Policies to Healthy Population

The presentations will deal with issues ranging from demographic change and determinants of health to the lessons learned from the recent EHEC/HUS outbreak in Germany.

The thematic blocks will be followed by a joint panel discussion on the role of Germany in the context of international public health challenges.

The session will be opened and closed by high level representatives of the Federal Ministry of Education and Research (BMBF) and the Federal Ministry of Health (BMG).

Chairs:

Jean-François Girard | President | Sorbonne Paris Cité | France

Michael J. Klag | President of the World Health Summit 2012, Dean | Johns Hopkins Bloomberg School of Public

Health | United States of America

Opening Remarks

Helge Braun | Parliamentary State Secretary | Federal Ministry of Education and Research (BMBF) | Germany

Social Inequalities in Health - International Evidence and Policy Implementations

Johannes Siegrist | Professor | Institute of Medical Sociology, University of Düsseldorf | Germany

Public Health: Research and Local Implementation

Wolfgang Hoffmann | Professor | Medical Faculty, Institute for Community Medicine, Ernst-Moritz-Arndt-University Greifswald | Germany

The Evolution of Health Economics in Germany

Friedrich Breyer | Professor | Chair of Economic and Social Policy, University of Konstanz | Germany

Health Economic Considerations for Vaccine Introduction Decisions in Low and Middle Income Countries Raymond Hutubessy | Health Economist | Initiative for Vaccine Research (IVR), World Health Organization (WHO), Switzerland

Break

Public Health: From Science to Policies

Ulrike Maschewsky-Schneider | Director | Berlin School of Public Health | Germany

Demographic Change and Health Inequalities: Challenges to Health Systems

Bärbel-Maria Kurth | Head of the Department of Epidemiology and Health Reporting | Robert-Koch-Institute | Germany

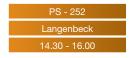
Public Health: From Sciences to Healthy Populations – Lessons Learned from the EHEC/HUS-Outbreak 2011 Gérard Krause | Head of the Department for Infectious Disease Epidemiology | Robert-Koch-Institute | Germany

Pandemic Preparedness Planning

Sylvie Briand | Head of Epidemiology, Clinical Management and Research | World Health Organization | Switzerland

Closing Remarks

Annette Widmann-Mauz | Parliamentary State Secretary | Federal Ministry of Health (BMG) | Germany



Hosts:

Outline:

The Obesity Challenge - How to Prevent an Overweight Generation

HelmholtzZentrum münchen

Helmholtz Zentrum München – German Research Center for Environmental Health

The Lancet

THE LANCET

Overweight and obesity, risk factors for many common diseases, have reached alarming levels in adults and

children worldwide, posing an enormous economic and health burden. We will present the latest figures for a number of countries, explore the role of food environment and look at innovative ways to use the media for prevention. Regarding urgently needed public prevention measures (e.g. transport, urban planning, food

processing or education) current policy actions will be evaluated.

Chairs: Günther Wess | President & CEO | Helmholtz Zentrum München | Germany

Sabine Kleinert | Senior Executive Editor | The Lancet | United Kingdom

Actual and Predicted Figures for Obesity for a Number of Countries

Klim McPherson | Emeritus Fellow, Visiting Professor | New College - University of Oxford | United Kingdom

Obesity as a Forerunner for Common Diseases; Medical and Societal Aspects

Hans Hauner | Director | Else-Kröner-Fresenius-Zentrum für Ernährungsmedizin der TU München | Germany

Food Environments and the Obesity Pandemic: Facing Reality

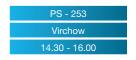
Shiriki K. Kumanyika | Professor of Epidemiology | University of Pennsylvania's Perelman School of Medicine |

United States of America

The Message, the Media and the Muppets: "Promoting Healthy Habits the Sesame Street Way"

Charlotte Cole | Senior Vice President, Global Education | Sesame Workshop | United States of America





Bringing Medicines to Low-Income Markets



Hosts: Federal Ministry for Economic Cooperation and Development (BMZ)

Sanofi

Outline:

Chairs:

The symposium introduces the results of the research project "Bringing Medicines to Low-income Markets" which was supported by the German Federal Ministry for Economic Cooperation and Development (BMZ) and will provide room to discuss the opportunities and challenges of inclusive business models that serve low-income patients with quality medicines.



Hans-Jürgen Beerfeltz | State Secretary | Federal Ministry for Economic Cooperation and Development (BMZ) |

Germany

Ibrahim Faisal | Deputy Vice Chancellor | Upper Nile University, Khartoum | Sudan

Welcome Address

Hans-Jürgen Beerfeltz | State Secretary | Federal Ministry for Economic Cooperation and Development (BMZ) | Germany

Partnership as Success Factor for Improving Global Health

Ibrahim Faisal | Deputy Vice Chancellor | Upper Nile University, Khartoum | Sudan

Moderation of Panel Discussion

Constanze Helmchen | Senior Manager | Deutsche Gesellschaft für internationale Zusammenarbeit (GIZ) GmbH | Germany

Introduction of the Study "Bringing Medicines to Low-Income Markets"

Solveig Haupt | Associated Expert | enterprise solutions for development (endeva) | Germany

Experience of NGOs

Nathalie Strub Wourgaft | Clinical Development Director | Drugs for Neglected Diseases initiative | Switzerland

Enabling Inclusive Business through Development Policy

Nicole Maldonado | Desk Officer, Division on Economic Policy; Financial Sector | Federal Ministry for Economic Cooperation and Development (BMZ) | Germany

Contribution of Health Industry to Global Health

Robert Sebbag | Vice President Access to Medicines | Sanofi | France

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Partner Symposium

Do We Need a Global Convention for Research & Development?

PS - 254 Koch 14.30 - 16.00

Hosts: University of Heidelberg
McMaster University

The Global Convention for R&D was discussed by WHO Member States at the 65th WHA in May, 2012 following the key recommendations from the Consultative Expert Working Group (CEWG), suggesting WHO Member States to begin a process leading to the negotiation of a binding agreement on R&D relevant to the health needs of developing countries. While the convention would put the implementation of the GSPA-PHI on a secure

footing, regional consultations towards a consensus are ongoing.

Chairs: Albrecht Jahn | University of Heidelberg | Germany

Steven J. Hoffman | McMaster University | Canada

What is the Rational for the CEWG's Recommendation for a Global Convention on R&D?

John-Arne Røttingen | Visting Professor of Global Health and Population | Harvard University School of Public Health | United States of America

Possible Implications of a Convention for R&D in the European Context

Odile Leroy | European Vaccine Initiative (EVI) | Germany

Will a Convention for R&D Make a Difference in R&D for Developing Countries?

Carlos Correa | University of Buenos Aires/South Centre | Switzerland

The Convention for R&D from an Industry Perspective

Petra Keil | Novartis International AG | Switzerland

The Convention for R&D from a Civil Society Perspective

Bernard Pécoul | Executive Director | Drugs for Neglected Diseases initiative (DNDi) | Switzerland





Oral Presentations

OM - 262 Langenbeck 16.15 - 17.45 New Voices in Global Health Forum
The Lancet and M8 Alliance – World Health Summit 2012 –
Call for Abstracts

THE LANCET

Hosts:

The Lancet M8 Alliance

M8Alliance

Outline:

The New Voices in Global Health (NVGH) program is a competitive abstract submission and selection program designed to highlight important research, policy and advocacy initiatives of new and future leaders in global health, and empower participants with global health advocacy skills.

Issues addressed had to be relevant, reflect current challenges, show originality and would spark the interest of conference participants and the readers of The Lancet. Topics of particular interest were those linked to the summit's main themes.

Selected participants will now present their abstracts at the World Health Summit 2012. The accepted researchers will participate in the NVGH - Forum or will present their poster in the poster area throughout the Summit. Selected abstracts are published in a special booklet available at the World Health Summit and on The Lancet's website.

Chairs:

Sabine Kleinert | Senior Executive Editor | The Lancet | United Kingdom

Mathias Bonk | Program Director | World Health Summit | Charité - Universitätsmedizin Berlin | Germany

Multi-Bi Financing in Global Health: How Did It Weather the Storm of the Global Economic Crises? Karen Grepin | New York University | United States of America

Migration of Doctors from Developing Countries to Australia: Estimation of the Scale of an Inward "Brain Drain" Dev Kevat | University of Oxford | United Kingdom

The Well-Being of Adolescents in Vulnerable Environments: Youth Perspectives in 5 Cities on Health and Mental Health

Kristin Mmari | Population Council | India

The Economics of International Health Laws
Steven J. Hoffman | McMaster University | Canada

Summit Program

Partner Symposium

Alcohol Dependence: What Is the Responsibility of the Healthcare Sector?

PS - 263 Virchow 16.15 - 17.45

Lundbeck

Co-Host: Lundbeck

Outline:

Alcohol consumption is associated with 60 diseases, including alcohol dependence. Alcohol dependence is a chronic brain disorder that affects more than 14 million people in Europe. 11 million people affected by alcohol dependence are in their most productive years, leading to a potential unrealised productivity of €59 billion. In the EU, alcohol dependence represents the highest burden caused by alcohol harm in society:

- 70% of alcohol-attributable net mortality;
- 60% of the €155 billion social costs attributable to alcohol consumption are associated with alcohol
 dependence.

The WHO states that there is a need to better integrate prevention and treatment services. Still, more than 80% of alcohol-dependent people worldwide remain undiagnosed and less than 10% of people needing treatment receive it. The aim of this session is to examine the responsibility of the healthcare sector and what could be done to ensure that health policy promotes an integrated approach to alcohol harm that includes effective provisions on stigma, diagnosis and treatment.

Chair:

Detlef Parr | Former Member of the German Bundestag and Former Spokesperson for Drugs and Addiction Policy of the FDP-Faction (Liberal). President of the Free Democrats' Senior Citizen Association | Germany

Welcome by the Chairman

Detlef Parr | Former Member of the German Bundestag and Former Spokesperson for Drugs and Addiction Policy of the FDP-Faction (Liberal). President of the Free Democrats' Senior Citizen Association | Germany

Alcohol Dependence: A Brain Disease

Mary Baker | President | European Brain Council | United Kingdom

Who is the Alcohol Dependent Patient?

Henri-Jean Aubin | Professor of Psychiatry and Addiction Medicine | Université Paris-Sud 11 | France

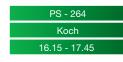
The Role of Primary Care in the Management of Alcohol Dependence

Paul Wallace | David Cohen Professor of Primary Health Care | University College London | United Kingdom

Q&A

Wrap-Up and Policy Recommendations

Detlef Parr | Former Member of the German Bundestag and Former Spokesperson for Drugs and Addiction Policy of the FDP-Faction (Liberal). President of the Free Democrats' Senior Citizen Association | Germany



Research Capacity Building: Working with Regional and Global Partners



Hosts: World Health Organization /TDR

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

ESSENCE on Health Research



Outline:

Organized by WHO/TDR, ESSENCE and GIZ, this stakeholder panel will critically reflect on why harmonization and enhanced alignment with country needs are key to improvement of effectiveness of research capacity support. The panelists will explore several themes, including research capacity support mechanisms, harmonization of approaches, public-private partnerships, planning, monitoring and evaluation and country priority needs.



The panel session will start with an overview of capacity support for health research, followed by a debate of panelists representing various stakeholders and will conclude with an interaction with the audience. It is expected that this session will generate interest from a diverse audiences attending the Summit who will equally contribute to the discussion. The conclusions of this session will help key stakeholders to shape their strategies on strengthening research capacity in developing countries. There will be no powerpoint presentations during this panel, the panelists will discuss/debate critical questions.

Chairs:

Garry Aslanyan | Manager, Knowledge Management | World Health Organization | Switzerland Günther Taube | Head of Department, Education, Health and Social Protection | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH | Germany

Perspectives on Research Capacity Building from the European and Developing Countries Clinical Trials Partnership (EDCTP) as a Multi-Partner Funding Initiative

Gabrielle Breugelmans | North-North Networking Manager | European and Developing Countries Clinical Trials Partnership (EDCTP) Secretariat | The Netherlands

Perspectives on Research Capacity Building in Complex Geopolitical Situations

Daniel Cohen | Director | School of Public Health, Sackler Faculty of Medicine, Tel Aviv University | Israel

Perspectives on Research Capacity Building from the European Commission (EC) as a Funding Agency Line Matthiessen | Head of Unit, Infectious Diseases and Public Health | European Commission, Directorate-General for Research and Innovation | Belgium

Perspectives on Research Capacity Building from a Recent Fellow Engaged in Public-Private Partnership to Build Research Capacity

Michel Mandro Ndahura | Lecturer | University of Bunia | The Democratic Republic of Congo

Perspectives on Research Capacity Building from a High Income Country Research and Training Institution Peter Piot | Director | London School of Hygiene & Tropical Medicine | United Kingdom

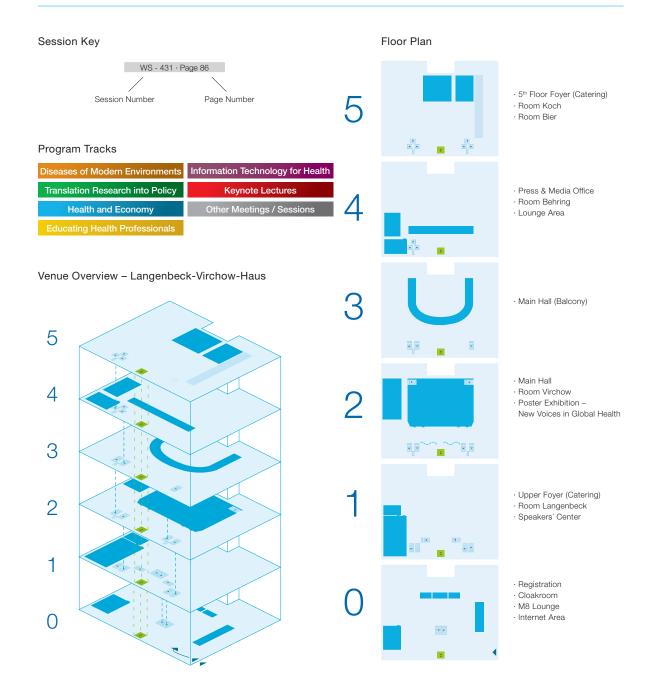
Perspectives on Research Capacity Building from InterAcademy Medical Panel (IAMP) Fola Esan | Focal Point for IAMP | Nigerian Academy of Science | Nigeria

Perspectives on Research Capacity Building Measurement, Including Planning, Monitoring and Evaluation Claudia Kiessling | Klinikum der Universität München | Germany



SUMMIT PROGRAM Tuesday, October 23rd

Key & Notes



	Main Hall	Langenbeck	Virchow	Koch
		Partner Symposium		Partner Symposium
7.15 -8.45		IAMP: Young Physician Leaders 2012 InterAcademy Medical Panel (IAMP)		EU Global Health R&D: Impact and Return on Investment
7.15		Berlin-Brandenburg Academy of Sciences and Humanities (BBAW), German National Academy of Sciences, Leopoldina		DSW (Deutsche Stiftung Weltbevoelkerung)
		PS - 312 · Page 84		PS - 314 · Page 85
	Workshop	Workshop	Workshop	Workshop
	Governance for a Healthy Planet: Resilient People - Resilient Planet	Bringing Medicines to Low-Income Markets	Making Health a Routine Part of Decision- Making: A Role for Health Impact	Transformative Health Professionals Education for the 21st Century
1.00	World Health Organization	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of Federal	Assessments?	Global Health Workforce Alliance
9.00 -11.00	World Economic Forum	Ministry for Economic Cooperation and Development (BMZ) Sanofi	Johns Hopkins Bloomberg School of Public Health University of São Paulo	Monash University
			A //O	
	WS - 321 · Page 86	WS - 322 · Page 88	WS - 323 · Page 90	WS - 324 · Page 92
2.15	Keynote Lectures			
11.15 -12.15	Keynote Lectures			
를	KL - 331 · Main Hall · Page 95			
15				
15 -13	Lunch Break			
12.1				
15	Keynote Lectures			
13.15 -14.15	Trends and Issues Shaping the Future Healthcare and Health Research Landscape in Singapore and Asia National University of Singapore Ministry of Health, Singapore			
#	KL - 341 · Main Hall · Page 96			
	Partner Symposium	Partner Symposium	Partner Symposium	Partner Symposium
0	Governance for a Healthy Planet - Are We	Overcoming Regulatory Barriers to Meet	Research Policies and Global Health	Global Health Education: Preparing for
14.30 -16.00	Building New Silos? How to Combine the Priority Health Agendas? MDGs, NCDs, SDH	Priority Health Needs in Developing Countries - Putting Theory into Practice	Global Health Europe	Global Interdependencies
14.30	Global Health Europe World Vision International	Drugs for Neglected Diseases Initiative (DNDI) Medicines for Malaria Venture (MMV)		Charité — Universitätsmedizin Berlin European Academic Global Health Alliance
	PS - 351 · Page 97	PS - 352 · Page 98	PS - 353 · Page 99	PS - 354 · Page 100
				_
	Partner Symposium	Oral Presentations	Partner Symposium	
55	Health 2020	New Voices in Global Health Forum	Multi and Extensively Drug-Resistant	
6.15 -17.45	World Health Organization Regional Office for Europe	The Lancet M8 Alliance	Tuberculosis: Why So Little Progress in Preventing and Combating It in Europe and Central Asia?	
16.			Koch-Metschnikow-Forum, DAHW World Health Organization Europe	
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PS - 312 Langenbeck 07.15 - 8.45

Partner Symposium

IAMP: Young Physician Leaders 2012



Hosts: InterAcademy Medical Panel (IAMP)

Berlin-Brandenburg Academy of Sciences and Humanities (BBAW)

German National Academy of Sciences, Leopoldina



Outline:

The IAMP Young Physician Leaders (YPLs) program will bring together 20 physicians under 40, nominated by academies of medicine and science which are members of the IAMP. These individuals have been selected because of demonstrated accomplishments in research, clinical practice, public health, health service management and health policy and who have shown leadership qualities and commitment to broader societal well-being in their professional and personal activities. This workshop session will feature 4-5 of these YPLs from diverse global regions who will initiate what we hope will be a lively roundtable by sharing their responses to two questions regarding the major leadership challenges they face in their careers and how current health and

medical sector leaders could be more helpful to them



Leopoldina

Chair:

Lucilla Spini | Coordinator | InterAcademy Medical Panel (IAMP) | Italy

Introduction to the IAMP YPL

Lai Meng Looi | Co-Chair | InterAcademy Medical Panel (IAMP) | Malaysia

Introduction to IAMP YPL (2012 Edition)

Jo Boufford | Co-Chair | InterAcademy Medical Panel (IAMP) | United States of America

What Are the Major Leadership Challenges That You Face in Your Careers?

How Could Current Health and Medical Sector Leaders Be More Helpful to You?

EU Global Health R&D: Impact and Return on Investment

PS - 314 Koch 07.15 - 8.45

Host:

DSW (Deutsche Stiftung Weltbevoelkerung)

Outline:

The objective of DSW's breakfast debate is to make the case for European and national investments into research and development (R&D) for Poverty-Related and Neglected Diseases (PRNDs). Policy Cures will provide an overview of the newest findings on the return of investment for European GH R&D funders in terms of both impact on global health (new products) and economic and other benefits. A group of GH R&D experts will then discuss what needs to be done to secure funding for GH R&D.

Chair:

Katharina Scheffler | Advocacy Officer | DSW (Deutsche Stiftung Weltbevoelkerung) | Germany

Welcome and Introduction by DSW

Presentation of Key Findings from the Study "Saving Lives and Creating Impact: EU Investment in Poverty-Related and Neglected Diseases"

Javier Guzman | Director of Research | Policy Cures | United Kingdom

Interactive Breakfast Debate on Perspectives Regarding the Impact and Return on Investment into Global Health R&D

Anette Hübinger | Member of Parliamentary | Committees: Economic Cooperation & Development / Education, Research & Technology Assessment | Germany

Line Matthiessen | Head of Unit, Infectious Diseases and Public Health | European Commission, Directorate-General for Research and Innovation | Belgium

Jane Waterman | Executive Director, IAVI European Programme | International AIDS Vaccine Initiative (IAVI) |
The Netherlands

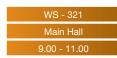
Gabrielle Breugelmans | North North Networking Manager | European and Developing Countries Clinical Trials Partnership (EDCTP) Secretariat | The Netherlands

N. N. | Industry Speaker | Germany

Wrap-Up by Chair







Workshop

Governance for a Healthy Planet: Resilient People - Resilient Planet



Co-Hosts:

World Health Organization World Economic Forum

Outline:

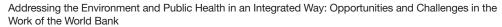


Sustainable development has been defined as dynamic process of adaptation, learning and action. It is time to recognize and act on interconnections. If today's unsustainable lifestyles coupled with high population growth persist, in less then twenty years, the world will need about 50 percent more food, 45 percent more energy, and 30 percent more water. In addition, climate change will affect human and planetary health. Health and sustainable development are closely interlinked and often the best choices for health are also the best choices for the planet; and the most ethical and environmental choices are also good for health. The global food system is a good example of this relationship: Unsustainable and unhealthy food production and consumption patterns have not only contributed to environmental degradation but also to an increasingly high burden of NCDs in both industrialized as well as developing countries.

Linking agriculture and health is also important because the world's poor work mostly in agriculture and suffer disproportionately from illness and disease. WHO and FAO could lead a process, in which sustainable and healthy choices must be made available for everybody while ensuring human rights, basic needs, human security and human resilience. International Law is crucial to address the aforementioned challenges and the session's lead questions will be: Where are we following Rio +20? What are the key governance mechanisms one could put in place? How can legislation lead to a more integrated approach?



Chairs: Carlos Dora | World Health Organization | Switzerland Eva Jané-Llopis | World Economic Forum | Switzerland



Charles Di Leva | Chief Counsel Environmental and International Law, Legal Vice Presidency | World Bank | United States of America

The need to protect human health is increasingly reflected in treaties and other instruments covering issues like hazardous wastes, pesticides, and pollution. However, environmental challenges continue to threaten human health. An enhanced and integrated approach is, therefore, required to better address environmental protection and human health. The World Bank is supporting these efforts through environmental and social safeguard policies and World Bank Group Environmental, Health and Safety Guidelines. It also supports developing environmental laws that contribute to human health. Accordingly, the Bank can tackle public health impacts in an integrated manner. Despite these efforts, health and environment too often remain separate areas of public policy. This presentation draws on examples of Bank projects that led to positive health impacts.





Charles Di Leva

New Governance Regimes - Taming Extractive Industries for the Good of People and Planet Christoph Jochnik | Director, Private Sector Department | Oxfam America | United States of America

The impact of private sector actors to people and planet is vast and growing. Private sector expansion combined with a shrinking of the state has led to a growing "governance gap" and a wave of new voluntary or "soft law' initiatives. Oil and mining companies have come under particular scrutiny because of their widespread impacts on people's health, culture and environment. Extractive industries are also at the center of debates over corruption and public spending. Efforts to drive greater transparency and accountability in this sector (including multilateral, multi-stakeholder and national regimes) have met with some important successes. This presentation will consider the effectiveness of new governance regimes to address health and environmental concerns, with a particular focus on extractive industries.



Lucia Reisch | Professor, Member of the German Government's Council for Sustainable Development | Copenhagen Business School | Denmark

With respect to a growing world population and demographic change, food borne sustainability problems are predicted to become more serious in the future: agricultural production must face the impacts of climate change, land use conflicts are predicted to increase, and health and social costs – both on an individual and a social level – will rise because of food borne ill health problems. The reasons for this unsustainable development include the industrialization and globalization of agriculture and food processing, consumption patterns that are shifting towards more dietary animal protein, modern food styles, an abundance of food on the one hand and a lack of food security on the other, and the continuously growing gap between rich and poor on a worldwide scale. The most effective ways for affluent societies to reduce the environmental impact of their diets are to reduce the amount of meat and dairy consumed, especially beef; buy organic food products and avoid product transportation.

Public Health, Transparency, Inclusiveness and Accountability (Video Presentation) Lalanath de Silva | Director | The Access Initiative | United States of America

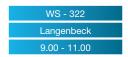
The Access Initiative (TAI) has spearheaded civil, society efforts over the past decade to promote access to information, public participation and access to justice in environmental matters in over 50 countries. These efforts have yielded good outcomes including new laws that enlarge citizen rights and empower people to improve their environment. Environmental concerns are closed linked to public health. Polluted water and air result in non-communicable diseases such as respiratory and digestive tract illnesses. Toxic waste and substances cause cancer and other long term health impact on vulnerable communities. If communities and citizens are to be empowered to protect themselves from such diseases and to influence government policy, they need to have timely and usable information, participatory spaces to influence policy and implementation decision-making mechanisms to hold government and corporate actors accountable to established policies and programs.



Christoph Jochnik



Lucia Reisch



Workshop Bringing Medicines to Low-Income Markets

BMZ ∰



Co-Hosts:

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

on behalf of Federal Ministry for Economic Cooperation and Development (BMZ)

Sanofi

Limited Capacities, pre-registration is required

implemented by:





Outline:

How can pharmaceutical companies more effectively serve low-income patients in developing and emerging countries with quality medicines? A brief introductory speech at the beginning of the workshop will discuss this question, pointing to critical challenges and promising approaches along four "As": Acceptance, Awareness, Availability, Affordability. During a subsequent, interactive session, participants of the workshop are invited to discuss the fifth "A" of the 4A+1 formula, which stands for "Actors" or strategic partners, in a World Café format. The discussion will revolve around the role of business, governments and NGOs in bringing medicines to

low-income markets and potential for cooperation between these actors.

Chairs:

Bernard Pécoul | Executive Director | Drugs for Neglected Diseases initiative (DNDi) | Switzerland

Robert Sebbag | Vice President Access to Medicines | Sanofi | France

Introductory Statements:

Solveig Haupt | Associated Expert | enterprise solutions for development (endeva) | Germany

Aline Krämer | Managing Director | enterprise solutions for development (endeva) | Germany

Bernard Pécoul | Executive Director | Drugs for Neglected Diseases initiative (DNDi) | Switzerland

Robert Sebbag | Vice President Access to Medicines | Sanofi | France

Susan Seifert | Project Officer | PlaNet Finance | Germany

Bernard Pécoul



Robert Sebbag



Solveig Haupt

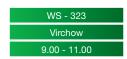


Aline Krämer



Susan Seifert





Workshop

Making Health a Routine Part of Decision-Making: A Role for Health Impact Assessments?



Co-Hosts:

Johns Hopkins Bloomberg School of Public Health

University of São Paulo



Outline:

Health in All Policies (HiAP) is an inter-sectoral approach to addressing key social determinants of health during decision-making. Health Impact Assessment (HIA) is a process that identifies the potential health effects of proposals in non-health sectors, and may help achieve HiAP. Workshop speakers will cover the history and global context of HiAP and HIA; application of HIA to sustainable development and environmental initiatives; role of equity in HIA; and evidence about the impacts of HIA.



Chairs:

Keshia Pollack | Associate Professor | Johns Hopkins Bloomberg School of Public Health | United States of America

Nelson Gouveia | Associate Professor | Faculdade de Medicina da USP - Departamento de Medicina Preventiva | Brazil



Keshia Pollack

Role of HIA in Sustainable Development

Michael Joffe | Emeritus Reader | Imperial College London | United Kingdom

Health is one of the main ways of judging effects on humans and is a component of the three overlapping dimensions of sustainable development: environmental, social and economic. Yet, the assessment of health impacts has been neglected as a way of arguing for the importance of policies to foster sustainable development or of evaluating policies from this viewpoint. Health Impact Assessment (HIA) is one way of trying to do this and has developed considerably in recent years, but its impact is small compared to the challenges that we face. In addition, time constraints and other limitations mean that the role of good quality evidence is not as prominent as it should be and collaboration between different types of expert cannot be adequately developed. It is proposed that a more thorough process should be introduced, "Strategic Health Assessment" (SHA), that is not tied to particular capital projects and can therefore overcome these limitations.



Nelson Gouveia

Health Impact Assessment for Environmental Policies

Nelson Gouveia | Associate Professor | Faculdade de Medicina da USP - Departamento de Medicina Preventiva | Brazil



Michael Joffe

Environmental policies often have consequences for the health of the population; therefore, the policymaking process should consider these likely health consequences. Health Impact Assessment (HIA) is an approach that could assist on this goal. This presentation will focus on the impacts of selected environmental policies in the city of Sao Paulo, Brazil, and how they can be used to assist those involved in the decision-making process in the search for an efficient and sustainable urban development. Special emphasis will be given to transportation policies and the health impacts of urban air pollution.

Role of Health Equity in Health Impact Assessment

Carlos Castillo-Salgado | Professor | Johns Hopkins Bloomberg School of Public Health | United States of America

The essential functions of public health have incorporated the Social Determinants of Health as a strategic framework to address the rising health inequality gaps in population groups from global to local levels. HIA as a systematic process for improving policy development and action will benefit by assessing the potential health and equity impacts of proposed programs, projects or policies. Selected use of epidemiological evidence will be presented as illustration of the role of equity-focus metrics in health impact assessment to identify avoidable and unjust disparities in health status.



Carlos Castillo-Salgado

How Effective are Health Impact Assessments?

Keshia Pollack | Associate Professor | Johns Hopkins Bloomberg School of Public Health | United States of America

The use HIA is gaining momentum in the U.S., and over 200 HIAs have been completed or are in progress. Despite this growth, there are few data documenting the impacts of HIA. The objective of this presentation is to discuss the results from a multiple case study of HIAs completed in the U.S. between 1999 and 2010. Of the 76 HIAs that were identified as having been completed during this time period, semi-structured interviews were conducted with 25 HIA practitioners associated with 59 HIAs (78% of the eligible sample). Along with a systematic document review for each of the HIAs, interviews were transcribed and coded using NVIVO 9. Evaluation results will be shared that highlight the breadth of topics covered by HIAs; influence of stakeholder engagement; range and rigor of analytical methods used; and the indirect and direct effects. The potential implications of this research for future use of HIAs in the U.S., and globally, will also be discussed.

Workshop

Transformative Health Professionals Education for the 21st Century



Co-Hosts:

Global Health Workforce Alliance

Monash University



Outline:

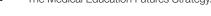
The health workforce policy discourse in the last few years underscored the critical importance of health workers in well-performing health systems. Global health goals cannot be achieved without a robust, competent, and professionally capable workforce. Although much attention has been devoted legitimately to workforce shortages, the quality of the workforce is equally important. Changing patterns of health threats, population movements, financial flows, technological and telecommunications advances, and the diffusion of health

knowledge and health-system innovations require new educational approaches that are better attuned to the pressing needs for both global awareness and local sensitivity. The session will reflect on a number of policy and research initiatives of global significance, which have unfolded in the last 2-3 years including:

The Lancet global independent Commission on education of health professionals in the 21st century;

The WHO initiative, supported by PEPFAR, USAID and Capacity Plus, on transformative scale up of health professional education;

The Medical Education Futures Strategy.



These initiatives have examined many of the same interrelated aspects, and there are also commonalities in terms of contents and recommendations, but also different ways to characterize and present issues.

The session objectives are to:

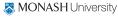
- Inform the audience about the leading global policy dialogue initiatives in the field of health professional
- Share information and experiences, compare issues and recommendations, with a view to communicate coherent messaging on policy options for health workforce education in the 21st century;
- Discuss operational implications of global recommendations and guidelines from the perspective of educators and trainees of health educational institutions.



Mubashar Sheik | Executive Director | Global Health Workforce Alliance | Switzerland

Presentation of WHO Guidelines on Transformative Education

Erica Wheeler | Technical Officer | Human Resources for Health Unit, Department for Health Systems Policies and Workforce (HPW) | World Health Organization | Switzerland





Mubashar Sheik



New Players in Health Care Delivery – Interprofessional Practice and Role Substitution Ben Canny | Deputy Medical Dean | University of Monash | Australia

The delivery of health care services into the 21st century will involve significant challenges to the ways in which current, traditionally-trained health professionals undertake their work. These challenges will arise from the need for new roles, the current inappropriateness and inefficiencies of training as well as the extreme financial pressures current health care delivery models are imposing in virtually every environment. This presentation will address how enhance interprofessional practice and the generation of new health care roles might lead to better, more equitable and better distributed health care in the 21st century.

Medical Education in Resource Constrained Settings

Shah Yasin | Malaysia School of Medicine and Health Sciences, Monash University | Malaysia

The teaching of medicine is modeled around sub-specialization and high technology and occurs in tertiary care centres. Young graduates often aim to sub-specialize as soon as possible resulting in a reduction in the numbers generalist doctors. Graduates often aspire to work in developed countries where the things they have learnt can be put to use. Other issues include the insufficient importance given to the social and cultural aspects of healthcare in developing countries and the decreasing importance given to local health beliefs and traditional health systems in many modern medical curricula. All this occurs in an environment where the health systems may not be well resourced and sometimes do not function well. This puts an enormous strain on healthcare systems in these countries as they have to deal with the epidemic of non-communicable disease when infectious disease, and in many cases the maternal and child health issues, have not been dealt with adequately.

Educating for a Global Health System: Who Holds the Key?

Michael Hale | Monash University | United Kingdom

Since Flexner's report of 1910 attitudes towards educating health professionals has been changing. As current trends focus on 'transformative learning' to produce leaders in medical education, who are we trying to influence? Today's students are more technologically savvy but are they able to make the leap from laptop networks to the real world of communication and partnership development?

Global connectivity brings local problems to a worldwide scale - be it HIV, H1N1 or obesity. Young people view themselves as global citizens, able to contribute to a skill mix elsewhere and create new networks of knowledge and practice, how can this be harnessed for greatest impact?

Advances in global healthcare and the huge disparities between the richest and poorest are an indictment of collective failures to ensure equal and effective sharing of health-care development and policy.

Who, then, do we need to teach and what do we need to teach them?



Shah Yasin



Michael Hale

Commission Report on Health Professionals Education for the 21st Century: Country Perspectives Jo Boufford | Co-Chair | InterAcademy Medical Panel (IAMP) | United States of America

In late 2010, the Commission on Health Professionals Education for the 21st Century published its report in the Lancet, making recommendations for reform / revitalization of health professionals education, with special focus on curricula in schools of medicine, nursing and public health. The Bill and Melinda Gates Foundation provided funding to support global dissemination of the report through convenings of key education, health services and health policy leaders in country to discuss local applicability and selected pilot projects in implement relevant elements of the report. The Inter Academy Medical Panel was funded to conduct consultations lead by academies of medicine in LICs, especially in Africa, and the results of those activities will be reported.

Commentator and Panelist:

David Kendrick | Provost for Strategic Planning; Associate Professor of internal medicine and pediatrics and the Kaiser Chair of Community Medicine at the University of Oklahoma's School of Community Medicine (SOCM) | New York Academy of Sciences | United States of America

Transformative Health Professionals Education for the 21st Century

In the medical education field there have been in the last 2-3 years a number of policy and research initiatives of global significance, and Dr. Kendrick will provide his reactions to the presentations of the other panelists and contribute a brief overview of a third initiative, the Medical Education Futures Strategy In addition, Dr. Kendrick will describe implementation of the Strategy from his own experience as a medical educator at the University of Oklahoma's new School of Community Medicine.

Keynote Lectures

Keynote Lectures

KL - 331 Main Hall 11.15 - 12.15

Chairs:

Antoine Flahault | Director | L'Ecole des Hautes Etudes en Santé Publique | France Ivan I. Dedov | President | Russian Academy of Medical Science | Russian Federation

Keynote Lecture

Josef Ackermann | Chairman of the Board of Directors | Zurich Insurance Group | Switzerland

Health 2020: A New European Policy Framework for Health and Well-Being Zsuzsanna Jakab | WHO Regional Director for Europe | World Health Organization | Denmark

A new European policy framework for health and well-being - Health 2020 - was unanimously adopted by the 53 Member States of the WHO European Region in September this year. This marks the launch of a new phase of public health policy in Europe.

During the two-year long Health 2020 development process, WHO Europe worked with many health policy makers, public health, economic and other experts from a wide variety of academic disciplines, across Europe and beyond, to identify what works in addressing today's health challenges.

The policy framework provides a platform for championing social rights and values, makes a strong economic case for health and wellbeing as a barometer of development, and is underpinned by whole-of-society and whole-of-government approaches for health.

Newly commissioned studies on the social determinants and health inequities, on governance for health and the economics of prevention informed the development of this evidence-based framework.

Epidemiological Transition from Communicable to Non-Communicable Diseases – Botswana's Experience John Seakgosing | Minister of Health | Botswana



Antoine Flahault



Ivan I Dedov



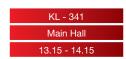
Josef Ackermann



Zsuzsanna Jakab



John Seakgosing



Keynote Lectures

Trends and Issues Shaping the Future Healthcare and Health Research Landscape in Singapore and Asia









Michael J. Klag



Kim Yong Gan



Kee Seng Chia

Co-Hosts: National University of Singapore
Ministry of Health, Singapore

Chair: Michael J. Klag | President of the World Health Summit 2012, Dean | Johns Hopkins Bloomberg School of Public

Health | United States of America

Healthcare Challenges for Asia: Living Longer, Healthier and with Peace of Mind

Kim Yong Gan | Minister for Health | Ministry of Health | Singapore

Changing population demographics and the increasing prevalence of chronic diseases will place increasing pressure on many countries in Asia as we strive to keep people healthy and meet their healthcare needs. Beyond conventional measures, there is a need to refine policies, explore innovative ways to deliver care, change behaviour and lifestyle to prepare adequately for the challenges ahead.

Many countries also have to find a sustainable financing mechanism to deal with the rising healthcare costs brought about by an ageing society, higher expectations of quality and a quicker adoption of technology. Advance planning is necessary to provide everyone with the peace of mind that healthcare will remain affordable today and in the future when we grow old. As we adapt our current systems to meet our changing environment, we must draw lessons from around the world and seek collaborations in delivering solutions that would benefit our citizens.

Public Health Research in the Post-genomic Era

Kee Seng Chia | Dean of the Saw Swee Hock School of Public Health | National University of Singapore | Singapore

Panel Discussion

Kim Yong Gan | Minister for Health | Ministry of Health | Singapore

Kee Seng Chia | Dean of the Saw Swee Hock School of Public Health | National University of Singapore | Singapore

Ching Yee Tan | Permanent Secretary | Ministry of Health | Singapore



Ching Yee Tan

Governance for a Healthy Planet Are We Building New Silos? How to Combine the Priority Health Agendas? MDGs, NCDs, SDH

PS - 351 Main Hall

Global Health Europe Hosts:

World Vision International

Outline: The Rio +20 declaration affirms that "health is a precondition for, an outcome of, and an indicator" (para. 138)

of all the three dimensions of sustainable development which are economic growth, the protection of the environment and social equality. It further states that "the goals of sustainable development can only be achieved in the absence of a high prevalence of debilitating communicable and non-communicable diseases, and where

populations can reach a state of physical, mental and social well-being" (para. 138).

Therefore and in order to achieve sustainable solutions, whole-of-society approaches are needed that lead to joined-up working instead of fragmented and, hence, relatively ineffective responses. Governments at different levels must behave as regulators, catalysts, or partners within a broad collaborative framework of all relevant

actors working on integrated agendas. It will be crucial to combine the priority health agendas and one leading question will be on how approaches towards NCDs, SDH and SD can be effectively brought together and introduced into a United Nations

development agenda bevond 2015.

Chairs: Stefan Germann | Director | World Vision International, Global Health Partnership & Health Research Unit |

Ilona Kickbusch | Professor | Graduate Institute of International and Development Studies | Switzerland

Presentation

Michael Marmot | Professor of Epidemiology and Public Health | University College London | United Kingdom

Presentation

Sania Nishtar | Founder | Heartfile | Pakistan

Presentation

Marleen Temmermann | Senator, University Professor and Chair | Federal Belgian Parliament, IPU Advisory Group on HIV/AIDS | Belgium

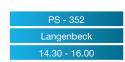
Presentation

Paul Stoffels | Group Chairman of Pharmaceutical Research and Development | Johnson & Johnson | United States of America



GLOBAL HEALTH EUROPE





Overcoming Regulatory Barriers to Meet Priority Health Needs in Developing Countries – Putting Theory into Practice



Hosts:

Drugs for Neglected Diseases initiative (DNDi)

Medicines for Malaria Venture (MMV)



Outline:

A recent shift in the drug product environment for Africa has seen a score of new products being developed specifically for diseases in developing countries, creating new challenges for regulators in Africa and elsewhere. However, it is not certain that all African regulatory authorities have equal resources to meet these new demands. The growing need to assess novel neglected disease (ND) products for African use has generated a range of responses. Policymakers have responded to these shortcomings by developing regulatory pathways tailored to ND products, including the EMA's Article 58, WHO drug prequalification, and FDA "tentative approval". In addition the African Medicines Regulatory Harmonisation (AMRH) Initiative aims to support African countries to improve public health by increasing access through harmonizing medicines regulations, and expediting registration. The symposium will focus on experiences with EMA's Art. 58 and discuss how the AMRH initiative functions. It will assess how international regulatory procedures can be translated into practice and discuss the perspective of a country affected.

Chairs:

Nathalie Strub Wourgaft | Clinical Development Director | Drugs for Neglected Diseases initiative | Switzerland David Ubben | Director, Clinical Development | Medicines for Malaria Venture (MMV) | Switzerland

Regulatory Routes for Drugs in the Field of Neglected Diseases

Nathalie Strub Wourgaft | Clinical Development Director | Drugs for Neglected Diseases initiative | Switzerland

Introducing Art. 58 – History, Experiences and Challenges

Marie-Helene Pinheiro | Principal Regulatory Advisor | EMA | United Kingdom

Practical Experiences of Product Development Partnerships with Regulatory Procedures – Case Studies Carla Botting | Director, Product Development and Access | PATH Malaria Vaccine Initiative (MVI) | United States of America

Experiences of the Pharmaceutical Industry in the Field of Novel Neglected Disease Products Valerie Faillat-Proux | Regulatory Affairs Director | Sanofi | France

The African Medicines Regulatory Harmonisation Initiative – Set Up And First Steps

Nditonda B. Chukilizo | Manager - Medicines and Cosmetics Evaluation and Registration | Tanzania Food and Drugs Authority (TFDA) | United Republic of Tanzania

Discussion with Audience

Conclusions and Outlook: The Bigger Policy Framework

David Ubben | Director, Clinical Development | Medicines for Malaria Venture (MMV) | Switzerland

Chair:

Research Policies and Global Health

Host: Global Health Europe

Outline: What policy and infrastructure is required to support research, innovation and partnerships for global health?

Policies for health research have recently developed both at the European Union and international level. The European Union's Horizon Framework 2020 set the scene for focusing European research priorities: one priority is addressing 'societal challenges', including health, demographic change and wellbeing, whilst another is 'excellent science' which includes the development of good infrastructure and supporting research. This session will explore the exact nature of policies, frameworks structures and settings required to support and foster effective research and innovation for global health. At the same time, this session will consider the important role of research and innovation in further informing policy and action for global health.

Stephen Matlin | Co-Director | Global Health Europe - Institute of Global Health Innovation, Imperial College London | United Kingdom

Horizon 2020: How It Considers Global Health and Its Links to Other Global Health Initiatives Line Matthiessen | Head of Unit, Infectious Diseases and Public Health | European Commission, Directorate-General for Research and Innovation | Belgium

Outcomes of the Consultative Expert Working Group on Research and Development: Financing and Coordination

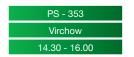
John-Arne Røttingen | Visiting Professor | Department of Global Health and Population, Harvard School of Public Health | United States of America

Integrating Research Agendas for Global Health

Francisco Songane | Former Director of the Partnership for Maternal, Newborn & Child Health, Former Minister of Health, Mozambique; Chair of Forum 2012 | Switzerland

Global Research Council

Klaus-Michael Debatin | Member of the DFG Senate | Deutsche Forschungsgemeinschaft (DFG) | Germany





PS - 354 Koch 14.30 - 16.00

Partner Symposium

Global Health Education: Preparing for Global Interdependencies Do We Teach Todays Medical Students the Right Skills for the 21st Century



Hosts: Charité – Universitätsmedizin Berlin

European Academic Global Health Alliance



Outline:

We enter a dramatically changing world in which health of individuals and populations cannot be ensured by local or even national policies or actions. Health professionals must have a sufficient understanding of the complex

interplays of all factors affecting the health of individual patients.

The purpose of this symposium is to present and discuss the 21st century challenges posed by complex interdependencies affecting health worldwide and their consequences for education and training of health staff at medical faculties.



Questions to be considered include: What are the challenges today's students face when finished with their studies? What do we need to teach the future health workforce? Do we provide the right skills to understand their complexity of factor causing disease, reaching from genetics, to bugs and to social determinants?

The symposium will consist of a series of short (8 min) presentations, followed by a responses from students and

a panel discussion.

Chairs:

Peter Tinnemann | Charité – Universitätsmedizin Berlin, EAGAH | Germany Núria Casamitjana Badia | Institute for Global Health of Barcelona, EAGAH | Spain

How to Address the Determinants of Health - New Skills Needed?

Rüdiger Krech | World Health Organization | Switzerland

Why Did We Establish a Global Health Course at UCL and What Skills Do We Expect Students to Get from It?

Anita Berlin | University College London | United Kingdom

Global Health Education in Germany and beyond: Challenges and Opportunities

Annelies Wilder-Smith | Director of Teaching | Institute of Public Health University of Heidelberg | Germany

Global Health: What We Need to Teach Today to Prepare for the Future

Maximilian De Courten | Professor Global Public Health | Copenhagen University | Denmark

Global Health Education for the 21st Century: A Student's Perspective

Renzo Guinto | International Federation of Medical Students Association | Philippines

Panel Discussion

Program Tue 23

Partner Symposium Health 2020

PS - 361 Main Hall 16.15 - 17.45

REGIONAL OFFICE FOR Europe

World Health Organization

Host: World Health Organization Regional Office for Europe

Outline: Health 2020 is the new European policy framework for Health and Wellbeing. An overview of key evidence that

informed Health 2020 will be presented with emphasis on 4 areas: governance, equity, economics and information. Health 2020 areas where there is need for more research will be identified such as wellbeing. Other topics will be "WHO/Europe Databases", "the role of education and research in shaping future research agendas and education profiles", and "What Health 2020 can do for you and what you can do for Health 2020". Moreover, the session will be closed with a Final Statement by Zsuzsanna Jakab, Regional Director for WHO/

Europe.

Chair: Agis Tsouros | Head, Policy and Cross-Cutting Programmes and Regional Director's Special Projects | World Health Organization Regional Office for Europe | Denmark

The Social Determinants of Health and Action to Tackle Inequalities

Michael Marmot | Professor of Epidemiology and Public Health | University College London | United Kingdom

Economics of Prevention

Franco Sassi | Senior Health Economist | Organisation for Economic Cooperation and Development (OECD) | France

Information and Health 2020 Targets

Claudia Stein | Director, Division of Information, Evidence, Research and Innovation | World Health Organization Regional Office for Europe | Denmark

Research

Roberto Bertollini | Chief Scientist | World Health Organization Regional Office for Europe | Denmark

The Role of Schools of Public Health (ASPHER Perspective)

Helmut Brand | Professor of European Public Health | Maastricht University | The Netherlands

European Public Health Association (EUPHA Perspective)

Walter Ricciardi | Professor | Catholic University of Sacred Heart Rome | Italy

Governance for Health

llona Kickbusch | Professor | Graduate Institute of International and Development Studies | Switzerland

Final Statement

Zsuzsanna Jakab | WHO Regional Director for Europe | Denmark | World Health Organization | Denmark

Oral Presentations

OP - 362 Langenbeck 16.15 - 17.45 New Voices in Global Health Forum
The Lancet and M8 Alliance – World Health Summit 2012 –
Call for Abstracts



Co-Hosts:

The Lancet M8 Alliance

THE LANCET

Outline:

The New Voices in Global Health (NVGH) program is a competitive abstract submission and selection programme designed to highlight important research, policy and advocacy initiatives of new and future leaders in

global health, and empower participants with global health advocacy skills.

Issues addressed had to be relevant, reflect current challenges, show originality and would spark the interest of conference participants and the readers of The Lancet. Topics of particular interest were those linked to the

summit's main themes.

Selected participants will now present their abstracts at the World Health Summit 2012. The accepted researchers will participate in the NVGH - Forum or will present their poster in the poster area throughout the Summit. Selected abstracts are published in a special booklet available at the World Health Summit and on

the Lancet's website.

Chairs: Richard Horton | Editor-in-Chief | The Lancet | United Kingdom

Mathias Bonk | Program Director | World Health Summit | Charité - Universitätsmedizin Berlin | Germany

Impact of Economic and Social Policy on Post-Neonatal Malnutrition: Study of the Mahatma Gandhi

National Rural Employment Guarantee Act in Rajasthan, India

Manisha Nair | University of Oxford | United Kingdom

Knowledge into Action: Using Research Findings to Inform Policies in Maternal and Newborn Health

Neil Spicer | London School of Hygiene & Tropical Medicine | United Kingdom

The Science behind Cholera in Haiti: Informing Health Policies and Preventing Future Outbreaks

Victoria Koski-Karell | Physicians for Haiti | United States of America

Towards Universal Health Coverage in Rwanda: A Report on Home-Grown Innovations to Increase

Enrolment in Community-Based Health Insurance

Agnes Binagwaho | Ministry of Health | Rwanda

Multi and Extensively Drug-Resistant Tuberculosis: Why So Little Progress in Preventing and Combating It in Europe and Central Asia?

PS - 363 Virchow 16.15 - 17.45

Hosts: Koch-Metschnikow-Forum

DAHW German Leprosy and Tuberculosis Relief Association

World Health Organization Europe

Chairs: Every year, more cases of multidrug-resistant tuberculosis are reported in Europe and Central Asia. Treatment for

MDR-TB is costly and can have severe side effects for patients.

Panelists will discuss why current efforts to contain MDR-TB, tuberculosis that does not respond to two or more of the most effective antituberculosis medicines, have yet to work. Are existing technologies sufficient? Is the way we diagnose and treat MDR-TB at the root of the problem? Or is adequate funding for national TB programs the

solution?

Chair: Timo Ulrichs | Board Member | Koch-Metschnikow Forum | Germany

The Epidemiological Situation of TB in the WHO-European Region

Andrei Dadu | Technical Officer, TB Surveillance and Monitoring | World Health Organization | Denmark

Current Trends in Microbiological TB Diagnostics

Sabine Rüsch-Gerdes | Head, National Reference Center for Mycobacteria | Research Center Borstel | Germany

The Epidemiological Situation of X/MDR-TB in Germany

Barbara Hauer | Department for Infectious Disease Epidemiology, Respiratory Infections Unit | Robert-Koch-Institute | Germany

Working with Key Populations to Prevent the Spread of MDR-TB

Daria Ocheret | Deputy Director for Policy and Advocacy | The Eurasian Harm Reduction Network | Lithuania

Treating Drug-Resistant TB in Pakistan

Chris Schmotzer | Medical Director, Aid to Leprosy Patients Hospital | DAHW German Leprosy and Tuberculosis Relief Association | Pakistan

The Global Fund's Role in Global Tuberculosis Prevention and Care

Mohammed Yassin | TB Specialist, Technical Partnerships and Advisory Team | The Global Fund to Fight AIDS, Tuberculosis and Malaria | Switzerland









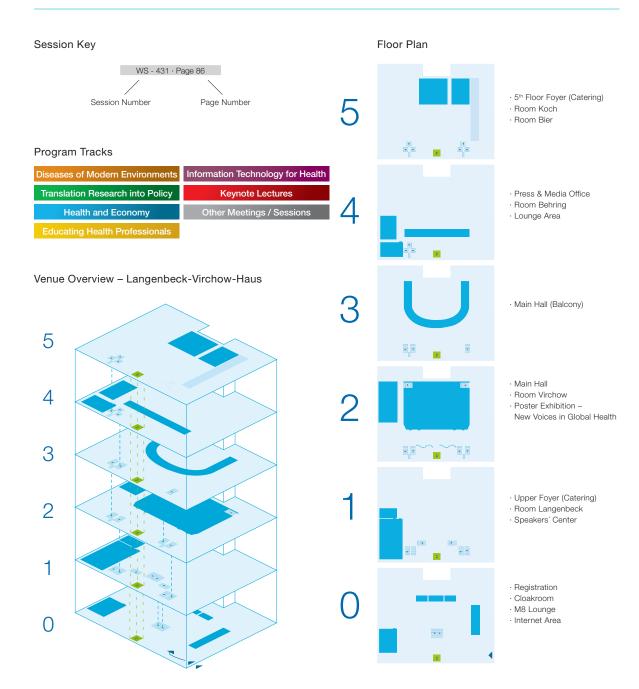




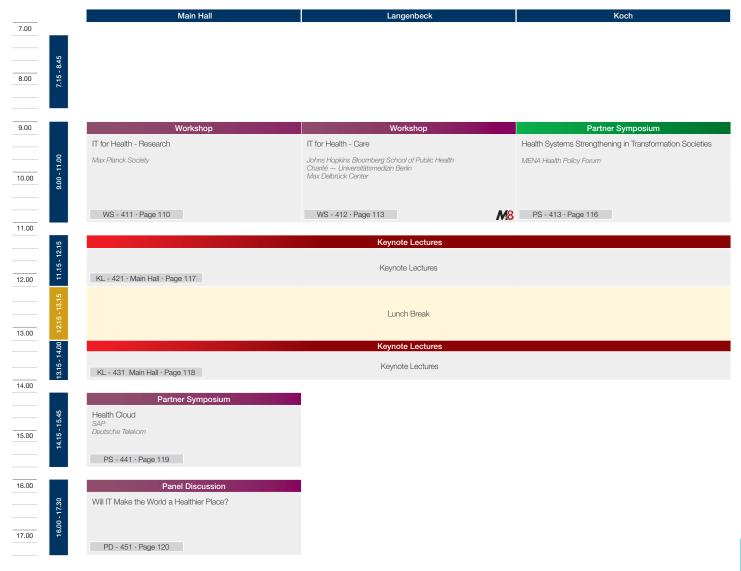


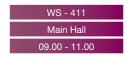
SUMMIT PROGRAM Wednesday, October 24th

Key & Notes



Summit Program





Workshop IT for Health Research





Thomas Lengauer



Karl Solchenbach

Co-Host: Max Planck Society

Outline:

IT is at the core of personalized medicine both in research and in health care. In this workshop, we will focus on research. New molecular biology technologies will drive personalized medicine. Patient care will rest on substantial amounts and diverse kinds of patient-specific quantitative molecular biology data. These data have to be brought into the context of the patient's history, environment and habits to effect appropriate diagnosis, prognosis and therapy. In the research stage, data mining is a central objective - the goal is to interpret the patient data for the purpose of making reliable medical predictions. Interpretation is effected by predictive mathematical models that are crafted on the basis of large volumes of collected clinical and molecular biology data, usually generated in different locations at different times under different conditions. Data will appear in such large quantities that storing them and sending them over networks are going to be major challenges. Curating and normalizing such data is a mandatory and difficult IT task. Jointly analyzing them and deriving the predictive models is another. Appropriately validating the predictive models yet is another challenge with high relevance - no less than the health perspective of the patient is at stake. Regulation is supposed to oversee these procedures and control and quarantee their quality.

This workshop will address all of these issues. At the beginning Prof. Lehrach will set the stage by giving an overview of a challenging proposal for a European project effecting IT-based personalized medicine. Subsequently Dr. Birney will address the issue of how to deal with the volume and heterogeneity of the involved data. Then Dr. Solchenbach will address issues of how to obtain the necessary computing power. Prof. Meinel will address software challenges in health research, mostly before a background of a recent collaboration between IT and medical experts in Berlin. Finally Prof. Ashley will give his views on the question of how IT-based personalized medicine has to be crafted to be effective in practice and what regulatory issues are involved. Here, he will especially contrast the direct-to-consumer and the direct-to-doctor approaches.

Chair:

Thomas Lengauer | Max Planck Institute for Informatics, Computational Biology and Applied Algorithmics | Germany

Introduction

Thomas Lengauer | Max-Planck-Institute for Informatics, Computational Biology and Applied Algorithmics | Germany

The Future of Medicine (and Health)

Hans Lehrach | Max Planck Institute for Molecular Genetics | Germany

The solution of many medically important problems depends primarily on being able to predict the behaviour of complex networks (e.g. the biological networks acting within a tumor, but also in the other tissues of the patient) under complex disturbances (e.g. a particular therapy). Targeted drugs used in oncology therefore typically help only one quarter of the patients they are used on, with the others suffering from severe side effects, without any medical benefits. Decades of molecular cancer research, but also the recent genome revolution, have however still not been able to provide this urgently needed power to predict the response of individual patients. We are currently sequencing the genome and transcriptome of the tumor and the genome of the patient for individual cancer patients, as the basis of a 'virtual patient' models, which can then be used to predict effect and side effects of specific therapies on the individual patient (www.treat1000.org). In addition, we have proposed IT Future of Medicine (ITFoM), www.ITFoM.eu), with the goal to develop integrated molecular/physiological/ anatomical models of every individual in the health care system, on the basis of –omics (genomics, epigenomics, transcriptomics, proteomics, metabolomics, metagenomics etc), imaging and sensor data, as the basis of a new, data rich, computation based individualised medicine of the future.

Big Data

Ewan Birney | Associate Director | EMBL Outstation - Hinxton, European Bioinformatics Institute | United Kingdom

High Performance Computing (HPC) for Life Sciences

Karl Solchenbach | Director | European Exascale Labs | Germany

High Performance Computing (HPC) technology plays an increasingly important role in health and life science. Many application areas like genomics, drug design, personalized medicine, cell biology, brain research, radiotherapy. etc. require highest compute performance which can only be provided by today's and tomorrow's HPC systems; some need to develop models for further advances in complex biological systems, while others require more accurate simulations or validations delivered at higher rate. Hence these applications will need exascale (10^18) capacity and probably even beyond.

In the session we will address

- The need and the potential for HPC solutions in Life Science Research
- Leading edge examples of the usage of HPC technology today
- Challenges imposed by life science applications for future HPC and exascale systems

Christoph Meinel



Euan A. Ashley

IT Innovations - Enabler for Individualized Medicine

Christoph Meinel | President, Scientific Director and CEO | Hasso Plattner Institute for Software Systems Engineering (HPI) | Germany

Expectations for so-called individualized medicine can only be fulfilled if new computer science techniques and "intelligent" content-based procedures in research and development are provided and made accessible to the health care sector. At this time, worldwide no software solutions exist, that are economically viable to meet the medical needs of individualized medicine. At hand of a first pilot project, the "SAP Oncolyser", which was developed in a strong cooperation between HPI, Charité and SAP Innovation Center in Potsdam, it is shown and discussed that in-memory technologies can close this gap. Oncolyser provides a break through real-time solution in cancer research and demonstrates the potential of new IT technology for medicine.

IT's Role in Regulating Personalized Medicine

Euan Ashley | Stanford Center for Inherited Cardiovascular Disease | United States of America

Wrap-Up Discussion

Workshop IT for Health – Care

WS - 412 Langenbeck 09.00 - 11.00

Co-Host: Johns Hopkins Bloomberg School of Public Health

Charité – Universitätsmedizin Berlin

Max Delbrück Center for Molecular Medicine

Outline:

Over the past thirty years we have witnessed a paradigm shift of information technologies being used in health care. With the proliferation of low-cost personal computers and widespread growth of the internet, the domain known as electronic health (e-Health), grew exponentially. The rise in cellular phone networks has surpassed the forecasts, with low-cost, high-bandwidth connectivity being available in many remote locations of the globe. This has led to the development of domains like mobile health (m-Health), capitalizing on the advantages of connecting frontline health workers to the health system while providing the public access to information and advice. As the computational capacity of these systems increases, new opportunities emerge to improve quality of care and health outcomes. We continue to face the challenge of developing an evidence base to guide implementation, together with the need to establish guidelines on confidentiality, interoperability, and meaningful use.

This workshop will stimulate a conversation about these issues. To begin, Drs. Labrique and Wachsmann will present an overview of how the integration of ubiquitous computational and information / communication technologies is changing healthcare. Dr. Labrique will focus on global mHealth. Dr. Wachsmann will talk about Computational Medicine and how High-Performance Computing can help clinicians. Dr. Aaron will discuss how data analytics can be used to reduce costs and improve outcomes. Prof. Reidpath will discuss the role of Demographic and Health Surveillance systems to improve health care in remote populations. Dr. Antonio Gutierrez will talk about using mobile technologies to develop a system to streamline the delivery of primary care to underprivileged communities. Dr. Ziegler will describe how the platform "SMS for Life" helps ensure supply chain continuity for anti-malarials in rural Sub Saharan Africa. Dr. de Boer will talk about key success factors for e-health initiatives.

Chairs:

Alain B. Labrique | Director | Johns Hopkins Global mHealth Initiative | United States of America Alf Wachsmann | CIO | Max Delbrück Center for Molecular Medicine | Germany

mHealth: Global Health Innovations and Health Systems Strengthening through Mobile Technologies Alain B. Labrique | Director | Johns Hopkins Bloomberg School of Public Health | United States of America

The International Telecommunication Union (ITU) estimated that by the end of 2010 over 90% of the world's population lived within reach of a mobile phone network. In 2011, this UN agency estimated that 5.9 billion mobile phone subscriptions globally reflected a 79% penetration in the developing world alone. Mobile technologies are transforming the domain of telemedicine and electronic health (eHealth) systems, untethering systems from facilities to reach individuals within populations. They support frontline health workers with











Marco Antonio Guitierez



René Ziegler



Jan de Boer

ubiquitous access to patient information while also allowing them to contribute to clinical records from the field. The most exciting endgame for mHealth is the implementation of pragmatic and tested solutions to help accelerate progress towards the MDGs by 2015 and beyond. These systems enable enumeration of populations; registration of pregnancies, births and deaths; scheduling of antenatal, postpartum, and immunization visits with accountability for missed or delayed contacts; and providing continuity of care through a health record. Importantly, these systems also provide a means to improve system efficiencies, from worker management to ensuring supply chains, as well as real-time monitoring and reporting of vital events and system performance.

Data Analytics to Discover Clinical Process Improvement Opportunities (Video Presentation)
Ravi Aron | Professor | Johns Hopkins Carey Business School | United States of America

We investigate the differential impact of digitizing medical information on the efficiency and quality of chronic care delivered based on time series data pertaining to 34,663 patients visits to physicians. We find that the impact of digitization is contingent on the type of information as well as patient clinical conditions. Digitizingstructured information – such as clinical test results –had greater impact than the digitization of unstructured information – such as physicians' notes – on the quality and efficiency of care delivered. More importantly, we find that digitization enables physicians to customize their time based on patient severity. We also find that there are complementarities between process redesign and digitization in delivering a higher quality of care. We invoke two theoretical frameworks – the theory of task technology fit and the intensity of service requirements – to explain our results. This paper provides new insights on the mechanisms for health IT to impact performance, leading to the goal of "meaningful use".

Demographic and Health Surveillance Systems

Daniel D. Reidpath | Professor of Population Health & Director SEACO | Monash University | Malaysia

A Mobile System for Primary Care Assistance of Underprivileged Communities Marco Antonio Guitierez | Director | University of São Paulo Medical School | Brazil

The Primary Care Information System concentrates basic healthcare information from all different regions of Brazil. The information is collected by primary care teams on a paper-based procedure that degrades the quality of information provided to the healthcare authorities and slows down the process of decision making. To overcome these problems, a system based on mobile devices connected to a 3G network and GPS was developed to be used during regular visits to the underprivileged families in the west region (> 400.000 inhabitants) of Sao Paulo, Brazil. A set of georeferenced data related to many aspects of the families is collected, such as house type, sanitation, total of family members, chronic diseases, vaccines, pregnancy, among others. The results obtained have shown that the new process improves data quality and can motivate changes in the existing forms as a way to enforce standardized inputs for the population supported by this mobile health solution.

SMS for Life

René Ziegler | Project Manager - SMS for Life | Novartis Pharma AG | Switzerland

SMS for Life is a public-private partnership project, led by Novartis, that harnesses everyday technology to improve access to essential medical commodities in rural areas in Africa.

The project uses a combination of mobile phones, SMS messages, internet and electronic mapping technology on a cloud based platform to track weekly stock levels of medicines at the remote health facility level. The overall goal is to eliminate deaths by eliminating stock-outs and increasing access to medicine. SMS for Life has been deployed to 5100 facilities in Tanzania and is being scaled countrywide to over 12,000 health facilities in Kenya, Ghana and Cameroon.

E-Health

Jan de Boer | KPMG | The Netherlands

Technology's ability to transform healthcare is undeniable. This presentation shows Global Lessons in eHealth implementation and successful examples of both the conceptualization and execution of value adding eHealth initiatives. It is our observation, that a successful and efficient eHealth system will be facilitated around three concepts: crowd accelerated innovation, collaborative alignment, and creative dislocation.



Partner Symposium

Health Systems Strengthening in Transformation Societies



Host: MENA Health Policy Forum

Outline: The purpose of this symposium would be to raise the awareness for governance issues in the Middle East and

North African Region (MENA), using the need for health system strengthening reform as an example.

The symposium emphases the possible driver role of applied research and civil society in enhancing integrity and social accountability of systems. It will carry forward the results of the multi-stakeholder meeting in Tunis and discuss on how cross-regional networks could underpin and reinforce health governance (focusing on integrity

and social accountability) in the MENA region in a sustainable way.

Chair: Susanne Weber-Mosdorf | Former Assistant Director-General | World Health Organisation | Germany

Panelists

Enis Baris | Sector Manager, Washington-Human Development | World Bank | Germany

 ${\tt Udo\ Steinbach\ |\ Director\ |\ Humboldt-Viadrina\ School\ of\ Governance,\ Governance\ Center\ Middle}}$

East/North Africa | Germany

Sameen Siddigi | Director | Health Systems and Service Development World Health Organization,

Regional Office | Egypt

Volkmar Wenzel | Ambassador | Personal Representative of the German Federal Foreign Minister

for the Arab World | Germany

Salwa Najjab | Chair | MENA Health Policy Forum | Occupied Palestinian Territory

Keynote Lectures Keynote Lectures

KL - 421 Main Hall 11.15 - 12.15

Chairs:

Manfred Dietel | Director | Charité — Universitätsmedizin Berlin | Germany

Phillip H. Phan | Professor and Executive Vice Dean | The Johns Hopkins Carey Business School and Core Faculty | United States of America

Creation, Integration and Quantification of Complex Tissue Based Images Gerd Binnig | Director | Definiens AG | Nobel Prize Laureate in Physics in 1986 | Germany

Real-Time Analysis of Next Generation Sequencing Data with In-memory Technology
Christoph Meinel | President, Scientific Director and CEO | Hasso Plattner Institute for Software Systems
Engineering (HPI) | Germany

Matthieu-P. Schapranow | Enterprise Platform and Integration Concepts Chair | Hasso Plattner Institute for Software Systems Engineering (HPI) | Germany

Next Generation Sequencing (NGS) technology builds the foundation for personalized treatment decisions. The costs and time for sequencing a full human genome steadily degraded within the last decade. However, data processing and analysis of the results is still a very time-consuming search for the needle in the haystack.

In this presentation, we demonstrate how the in-memory technology, which was developed at the Hasso Plattner Institute in Potsdam in cooperation with SAP, allows in real time to combine alignment, annotation, and analysis of full genome data. We present an integrated sequencing pipeline and a decision support system, which is able to identify relevant individual mutations and evaluate their consequences by combining data from various international scientific database within seconds.



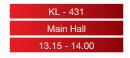
Manfred Dietel



Phillip H. Phan



Christoph Meinel



Keynote Lectures Keynote Lectures

Chairs:



Ernst Th. Rietschel



Heinz Riederer

Ernst Th. Rietschel | Former President Leibnitz Association | Acatech - National Academy of Science and Engineering | Germany

Heinz Riederer | Vice President Medical & Health Policy | Sanofi Deutschland GmbH | Germany

Systems Biology

Nikolaus Rajewsky | Max Delbrück Center for Molecular Medicine | Germany

IT in Healthcare - National Goes Regional

Volker Wetekam | CEO | General Electric | Germany

Innovation in the fields of IT and Medical Equipment has impacted the healthcare industry unprecedentedly since the 1980s. IT applications in health care began to emerge in the early 1970s, but only in the early 1980s software began to be widely used in clinical radiology departments (RIS). In the early '90s hospitals began to see integrated systems widely known as Hospital Information Systems (HIS).

As national healthcare IT-initiatives have rather been disappointing during the last 10 years (e.g. UK: NPfIT, D: eGK), regional and urban healthcare initiatives (e.g. USA: RHIOs, F: Ile de France, Brazil: Sao Paulo) have already been more successful. The increasing amount of clinical data is dealt with by smart healthcare IT-solutions enabling the convergence of diagnosis and treatment (e.g. intra-OP MR, MR-guided focused ultrasound). A comprehensive regional healthcare provision integrating all relevant clinical patient data will replace both national and sub-departmental solutions.

Partner Symposium

Health Cloud

PS - 441 Main Hall 14.15 - 15.45

Hosts: SAP

Deutsche Telekom

Outline: Information technology for healthcare is a critical topic in the capital region of Berlin. Berlin-Brandenburg is not

only one of the most attractive places for research and health in Europe, it is also a stronghold of the IT industry

and of Health-IT solutions for the future.

"HANA Oncolyzer" is a mobile decision support system for treatment of patients suffering from cancer diseases, which enables real-time analysis of data from clinical systems on mobile devices. It is the result of the interdisciplinary collaboration of experts from the Charité - Universitätsmedizin Berlin, the SAP Innovation Center (ICP), and the Hasso Plattner Institute for Software Systems Engineering (HPI). The HANA Oncolyzer enabled new collaborative and analytic scenarios. This session will cover the successes of co-innovation, address and discuss current projects, elaborate on challenges and give an outlook on future developments.

Chair: Martin Peuker | Charité — Universitätsmedizin Berlin | Germany

Speakers: Peter Langkafel | Healthcare Industry Director EMEA | Germany

Matthias Steinbrecher | Project Leader | SAP HANA Oncolyzer | Germany

Manfred Balz | Former Board Member for Data Privacy, Legal Affairs and Compliance | Deutsche Telekom |

Germany

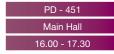
Axel Wehmeier | Senior Vice President, Strategic Market Healthcare | Deutsche Telekom | Germany

 ${\it Thomas Tschersich \mid Senior \ Vice \ President, \ Service \ Headquarters, \ Group \ IT \ Security \mid Deutsche \ Telekom \mid Senior \ Vice \ President, \ Service \ Headquarters, \ Group \ IT \ Security \mid Deutsche \ Telekom \mid Senior \ Vice \ President, \ Service \ Headquarters, \ Group \ IT \ Security \mid Deutsche \ Telekom \mid Senior \ Vice \ President, \ Service \ Headquarters, \ Group \ IT \ Security \mid Deutsche \ Telekom \ Vice \ President, \ Service \ Headquarters, \ Group \ IT \ Security \ Security \ IT \ Security \ Secu$

Germany







Panel Discussion

Will IT Make the World a Healthier Place?

Chair: Phillip H. Phan | Professor and Executive Vice Dean | The Johns Hopkins Carey Business School and Core

Faculty | United States of America

Personalized Medicine Integrating IT: Direct-to-Doctor and Direct-to-Consumer Services; The Regulatory

Environment

Euan Ashley | Stanford Center for Inherited Cardiovascular Disease | United States of America

Panelists: Thomas Lengauer | Max-Planck-Institute for Informatics, Computational Biology and Applied Algorithmics |

Germany

Anders Olauson | European Patients' Forum | Belgium

Terje Peetso | DG Connect | European Commission | Belgium

Joan Guanyabens i Calvet | eHealth Task Force | European Commission | Spain

Jillian Oderkirk | OECD | France

John E. Ware | Department of Quantitative Health Sciences, University of Massachusets Medical School |

United States of America

Euan Ashley | Stanford Center for Inherited Cardiovascular Disease | United States of America



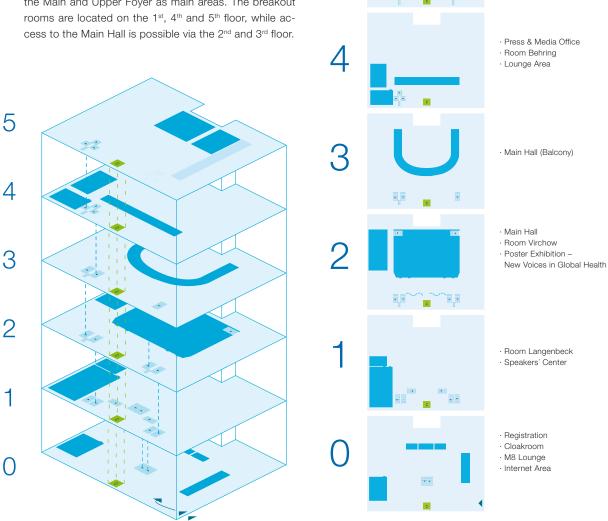
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· Room Bier

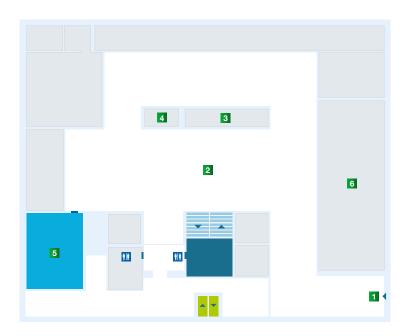
Venue Floorplan

Conference Venue

The Langenbeck-Virchow-Haus is a versatile conference center with a variety of rooms on several floors. The World Health Summit will utilize venues on all levels, with the Main and Upper Foyer as main areas. The breakout rooms are located on the 1st, 4th and 5th floor, while access to the Main Hall is possible via the 2nd and 3rd floor.



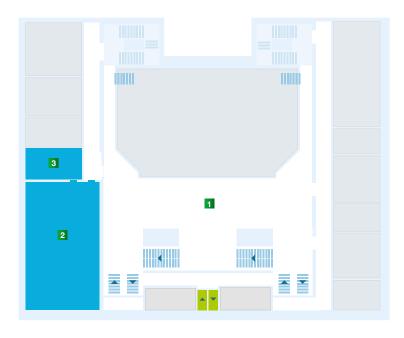
Floor Plan



0 | Ground Floor

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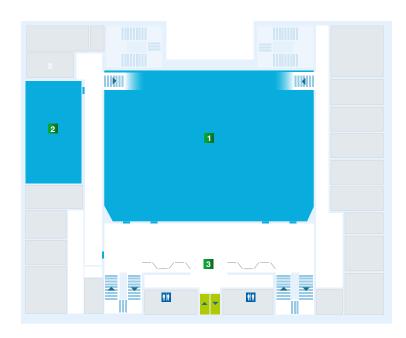
- 1 Entrance
- 2 Main Foyer (Catering)
- 3 Registration
- 4 Cloakroom
- M8 Lounge
- 6 Internet Area



1 | First Floor

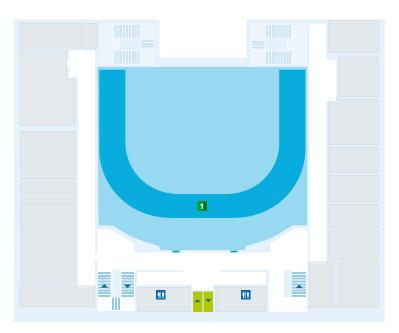
- 1 Upper Foyer (Catering)
- 2 Room Langenbeck
- 3 Speakers' Center

Venue Floorplan



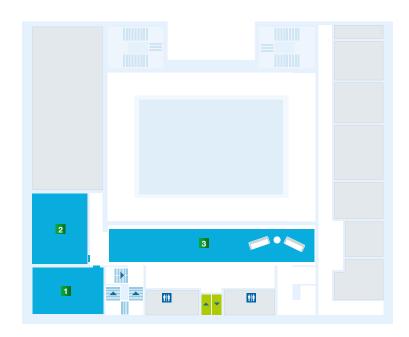
2 | Second Floor

- 1 Main Hall
- 2 Room Virchow
- 3 Poster Exhibition New Voices in Global Health



3 | Third Floor

1 Main Hall (Balcony)

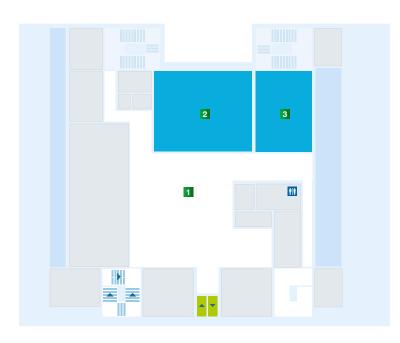


4 | Fourth Floor

1 Press & Media Office

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- 2 Room Behring
- 3 Lounge Area



5 | Fifth Floor

- 1 5th Floor Foyer (Catering)
- 2 Room Koch
- 3 Room Bier

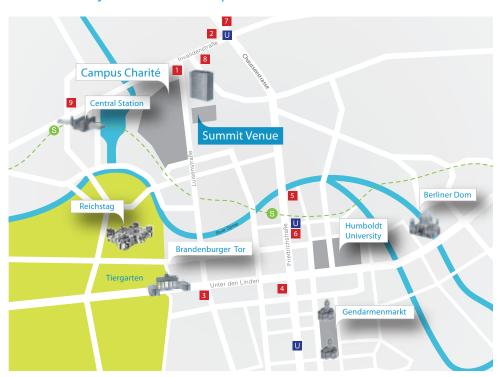
Accommodation

Room allotments have been reserved in a number of hotels in different categories, all within walking distance to the conference venue. Hotel rooms can be booked as part of the online registration system.

Rates are valid per night and include breakfast and VAT.

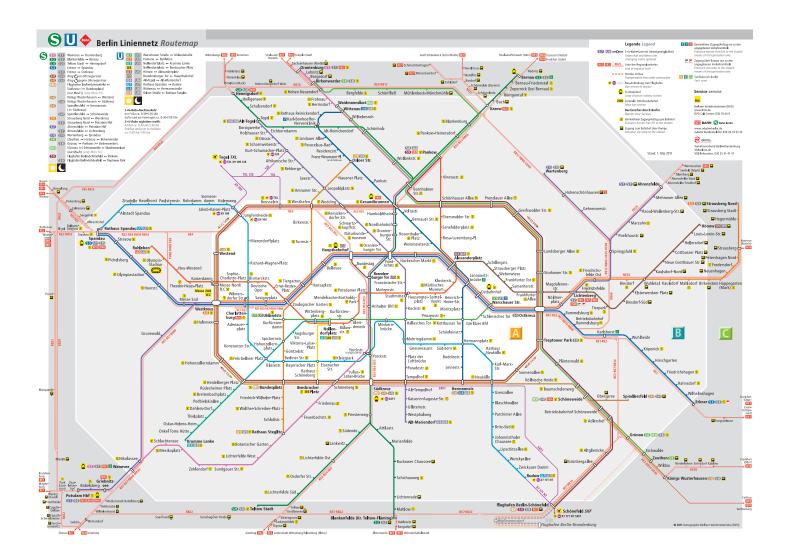
	Hotel Name	Category	km to Venue
1	Adina Apartment Hotel	4	0,3
2	Mercure Hotel Berlin an der Charité	3	0,6
3	Hotel Adlon Kempinski	5	1,1
4	Westin Grand	5	1,7
5	Melia Berlin Friedrichstraße	4	1,2
6	NH Berlin Friedrichstraße	4	1,4
7	TRYP Berlin Mitte	4	1
8	Nordic Hotel Berlin Mitte	3	0,4
9	Motel One Berlin Hauptbahnhof	2	1,1

Berlin City & Hotel Map



How to Get to the Summit Venue

Berlin's underground (U) and metro (S) services are fast & efficient means of transportation. To reach the summit venue Langenbeck-Virchow-Haus, you may use the stations "Hauptbahnhof" (S), "Friedrichstraße" (S) or "Oranienburger Tor" (U). The bus line 147 also departs from "Hauptbahnhof" and "Friedrichstraße" and stops right in front of the Summit venue ("Campus Charité Mitte")



Address

Langenbeck-Virchow-Haus

Charité - Universitätsmedizin Berlin

Campus Mitte

Luisenstraße 59, 10117 Berlin · Germany

Availability

Please note that the capacity of the venue and of single session rooms is limited and that registrations are only accepted based on overall availability. If the maximum number of delegates is reached, the organizers reserve the right to refuse access.

Certificate of Attendance

A Certificate of Attendance for all registered participants will be available on request at the registration desk.

Cashpoint

The next EC cashpoint is located at Luisenstr. 44, 10117 Berlin (Berliner Sparkasse).

Cloakroom

A cloakroom is available at the ground floor, which is open during registration opening hours. Please note that luggage cannot be stored at the cloakroom.

Coffee Breaks

Coffee will be served to all registered participants during the coffee breaks.

Filming and Taking Pictures

Out of respect for authors' and speakers' copyrights, it is forbidden to take pictures and/or to film during any official conference sessions. In case of negligence, the organizers reserve the right to exclude the participant from the conference.

Hotel

If you have any questions or if you require a hotel room, please contact the hotel counter staff at the registration desk.

Homepage

For up-to-date information regarding the Summit please check www.worldhealthsummit.org.

Insurance and Liability

The conference organizer cannot accept liability for personal injury, loss of or damage to belongings of conference participants, either during or as a result of the conference. Please check the validity of your own insurance.

Internet / Wireless LAN

The internet terminals are located in the Main Foyer. Wireless LAN is available in foyer and the Lounge Area. Vouchers with password will be given at the registration counter.

Language

The official Summit language is English. There will be no simultaneous translation.

Lost/ Forgotten Name Badge

In case you forget to bring your name badge/voucher letter to the conference, a credit card guarantee for the total amount of the registration fee will be required to get a replacement badge. In addition, a non-refundable handling fee of € 50 will be charged. Your old name badge will be de-activated and will become invalid. To release the credit card guarantee and avoid double payment, the complete and undamaged original letter has to be sent to the conference secretariat within four weeks after the conference.

Lunches

Lunches will be available to all registered participants during the lunch breaks.

Media

Media has access to all official sessions of the World Health Summit. All press related information can be found at the official Summit website.

Mobile Phones

Mobile phones must be set to silent mode in all session rooms at all times.

Name Badge

A badge is required for admittance to all official conference sessions and events. Each participant is asked to present the badge in order to gain access to the Summit. The name badge must be worn and clearly displayed at all times.

People with Disabilities

The conference venue is accessible to conference participants with disabilities. Please contact the registration desk staff if you should have any questions or should need assistance.

Podcast

The sessions will be podcast. The podcasts are available after the Summit at the Summit website: www.worldhealthsummit.org.

Press Office / Press Registration

The press counter is located at the registration desk at the Main Foyer. The Press Office is located on the 4th floor.

Program / Conference Materials

The Conference Materials including the final Summit Program will be available on-site for regularly registered delegates. Availability for onsite registrations may be limited.

Program Changes

The organizers cannot assume liability for any changes in the program due to external or unforeseen circumstances. Please check the website for regular updates. The organizers reserve the right to cancel, postpone, relocate or change any of the sessions.

Public Transportation

Fortunately, most of Berlin and its city can easily be reached by foot. However, with Berlin's public transport system you can be sure to have a safe and comfortable ride. Tickets can be purchased directly at most train stations and in all busses.

Registration

The registration desk is open during the following times:

Sunday, October 21st	9.30 — 19.30
Monday, October 22 nd	6.45 — 18.00
Tuesday, October 23rd	6.45 — 18.00
Wednesday, October 24th	8.30 — 17.30

Smoking Policy

It is forbidden to smoke in any part of the conference venue.

Speakers' Center

Invited speakers, chairmen and keynote lecturers must report to the Speakers' Center, located on the 1st Floor, at least two hours prior to their presentation in order to check and deposit their presentation. Please provide the data on a USB Memory Stick or a CD-ROM. Please note that you are not allowed to run the presentation from your personal laptop in the session room. Video support is at the sole responsibility of the speaker. The Speakers' Center is open during the following times:

Sunday, October 21st	9.30 — 20.30
Monday, October 22 nd	
Tuesday, October 23rd	6.45 — 17.45
Wednesday, October 24th	8.30 — 16.00

Taxis

All official taxis are coloured off-white with a yellow taxi sign on the roof. The meter starts at a set minimum price. Taxis may be available in front of the conference venue, at the taxi station in front of the Charité — Universitätsmedizin (in front of the conference venue, to the right). If there is no taxi available, please ask the registration desk staff for assistance.

Travel

Special offer: Discounted travel with Lufthansa

Lufthansa German Airlines offers a comprehensive global route network linking major cities around the world. As an airline partner, Lufthansa offers special prices and conditions to participants, visitors, exhibitors and invited guests as well as employees of the contracting partner and their travel companions.

To make a reservation, please click on www.lufthansa.com/ event-booking_en and enter the access code DEZQQA in the "Access to Event Booking" area. This will open an online booking platform that will automatically calculate the discount offered or provide you with an even better offer if another promotional fare is available.

NOTE: Pop-ups must be enabled otherwise the booking platform window will not open.

These promotional fares are also available through your IATA / ARC travel agent. Travel agents can obtain ticketing instructions by sending an email to lufthansa.mobility@dlh.de and providing the access code as a reference.

General & Press Information

Press Information

Media Registrations

Media Registrations are available free of charge to journalists (pending proof of affiliation). Prior to the Summit, please establish your accreditation online via the conference website. During the Summit, please contact the press counter at the registration desk.

Press Access

Media has access to all official sessions of the World Health Summit. There is one exception: Sessions in which partners who host the Partner Symposia do not permitt access.

Press Office

The Press Office is located on the 4^{th} floor of the conference venue.

Sunday, October 21st	10.00 - 19.30
Monday, October 22 nd	8.30 – 19.00
Tuesday, October 23rd	8.30 – 19.00
Wednesday, October 24th	8.30 – 17.30

Press Contact & Press Conferences

Press Contact

Tobias Gerber, Daniela Levy tobias.gerber@worldhealthsummit.org daniely.levy@worldhealthsummit.org

Tel.: +49 30 450 572 114

Press Conferences

Opening & Day 1

Sunday, October 21st, 15.00 Langenbeck-Virchow-Haus, Room Bier (5th Floor)

Day 2

Monday, October 22nd, 12.20 – 13.10 Langenbeck-Virchow-Haus, Room Bier (5th Floor)

Day 3

Tuesday, October 23rd, 12.20 – 13.10 Langenbeck-Virchow-Haus, Room Bier (5th Floor)

Day 4

Wednesday, October 24th, 12.50 – 13.30 Langenbeck-Virchow-Haus, Room Bier (5th Floor)

All press conferences take place at the Langenbeck-Virchow-Haus, Luisenstraße 59, 10117 Berlin.



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Α

AA - German Federal Foreign Office
Académie des Sciences
Action for Global Health
Agence Nationale de la Recherche
Alfred Herrhausen Gesellschaft
Alliance for BioMedical Research in Europe
(BioMed Alliance)
AMREF Italia
ASPHER- Association of Schools of Public
Health in the European Region

Association of Research-Pharmaceutical

Е

Companies VFA

BBAW - Berlin-Brandenburg Academy of Sciences and Humanities
Berliner Wirtschaftsgespräche e.V.
Bill & Melinda Gates Foundation
BioTop - Berlin Brandenburg
BMBF- Federal Ministry of Education and
Research
BMG- Federal Ministry of Health
BMZ- Federal Ministry for Economic
Cooperation and Development
British Embassy
Bread for the World
BSPH - Berlin School of Public Health
Bvmd - Bundesvertretung der
Medizinstudierenden in Deutschland e.V.

C

Centre National de la Recherche Scientifique
Charité – Universitätsmedizin Berlin
Charité Foundation
Chinese Academy of Medical Sciences / Peking
Union Medical College
COHRED
Collège de France

\Box

DAHW - Deutsche Lepra- und Tuberkulosehilfe Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH Deutsches Ärzteblatt Die Zeit DNDi - Drugs for Neglected Diseases Initiative

DSW - Deutsche Stiftung Weltbevoelkerung

Е

Publique

EAGHA- European Academic Global Health Alliance EC - European Commission ECDC- European Centre for Disease Prevention & Control EFPIA- European Federation of the Pharmaceutical Industries and Associations EHESP - École des Hautes Études en Santé

Embassy of Singapore
ESC - European Students Conference
ESSENCE on Health Research
European Medical Research Council

F

FIND - Foundation for Innovative New Diagnostics French Embassy

G

German Academy of Sciences Leopoldina
German Council of Science and Humanities
Wissenschaftsrat
German National Academy of Sciences Leopoldina
GTAI - German Trade and Invest
Global Health Europe
Global Health Workforce Alliance

Н

Hasso Plattner Institute for Software Systems
Engineering
Helmholtz Association
Helmholtz Zentrum München - German Research
Center for Environmental Health

ı

IAMP - Inter Academy Medical Panel
IFMSA- International Federation of Medical Students
Association
Imperial College London
Institutes of Medicine

J

Johns Hopkins Bloomberg School of Public Health Johns Hopkins University

Journal of Molecular Medicine

Κ

KMF - Koch-Metschnikow-Forum e.V. Kyoto University Graduate School of Medicine

L

Leibniz Association London School of Hygiene & Tropical Medicine LSE Cities

M

Max Delbrück Center (MDC) for Molecular Medicine
Max-Planck Society
McMaster University
MENA Health Policy Forum
Migration Policy Institute
Ministry of Health Singapore
MMV - Medicines for Malaria Venture

Ν

National Institutes of Health National University of Singapore NCD Alliance

Monash University

Oxfam

R

Robert-Koch-Institute
Russian Academy of Medical Sciences

S

Sanger Institut SIGENET - Sino German Network for Public Health and Bioethics Sorbonne Paris Cité TDR - Special Programme for Research & Training in Tropical Diseases

Т

The Lancet

U

University of Heidelberg University of São Paulo US Embassy

W

WHO - World Health Organization
World Health Organization Regional Office for
Europe
World Economic Forum

World Economic Forum
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