

International Symposium

Forum Medicine 21:

THE FUTURE OF MEDICAL UNIVERSITIES

28th and 29th of March 2019
Paracelsus Medical University Salzburg



FUTURE NOTES

The future of medical universities and their university hospitals is closely linked to the rapid developments in medicine, science and healthcare systems. The enormous proliferation of scientific and technological knowledge, the digital transformation, and economic and health policy upheavals are posing enormous challenges to the stakeholders.

The use of modern technology is making previously unattainable levels of precision possible in the diagnosis, treatment and prevention of diseases. However, the accompanying digitalization requires considerable algorithmic improvements and powerful modern computer systems, as well as cost-effective storage and transfer of tremendous volumes of data. The technological, structural and financial framework conditions must be adapted to the new era and mastered. Moreover, the players in the medical and scientific sector and the instructors at the medical universities are finding themselves confronted with major challenges in their field of work.

With the "Forum Medizin 21: The Future of Medical Universities" symposium, Paracelsus Medical University, the Association of Academic Health Care Centers International (AAHCI), and the AAHCI European Regional Office – in cooperation with the University Hospital Salzburg, Maastricht University and Maastricht University Medical Centre+ – are bringing top-level experts to Salzburg. The core challenges of the future will be addressed and discussed in presentations, keynote speeches and discussion rounds.

The symposium also serves as an AAHCI Regional Meeting. The AAHC and its worldwide regional offices serve as an umbrella organization for networking academic healthcare institutions worldwide, thus fostering the sharing and application of knowledge for the betterment of global health.

Please join us on March 28 and 29, 2019 - we are looking forward to your participation!

Cordially,



Prof. Dr.
Herbert Resch
Rector
Paracelsus Medical University



Prof. Dr.
Martin Paul
President, Maastricht University
Regional Ambassador AAHCI Europe

SPEAKERS



Prof. Dr. André Dekker
Full Professor of Clinical Data Science, Maastricht University



PD Dr. Jens Eckstein
Private Lecturer, CMIO, Head Physician, Processes/Clinical IT at Basel University Hospital



Prof. Dr. Franz Fazekas
Head of Univ. Hospital for Neurology of Medical Univ. of Graz & President of the European Academy of Neurology



Prof. Dr. Wolfgang Fleischhacker
Rector of the Medical University of Innsbruck



Dr. Karl Forstner
President of the Medical Chamber Salzburg



Prof. Dr. Jörg Goldhahn
Deputy Director of Institute for Translational Medicine, Med. Director of the Bachelor in Human Medicine at ETH Zurich



DI Dr. Sabine Herlitschka
CEO of Infinion Technologies Austria AG



Dr. Steven Kanter
President & CEO of AAHC



Prof. Dr. Stefanie Lindstaedt
CEO Scientific Director, Know-Center GmbH & Director of Institute of Interactive Systems and Data Science, TU Graz



Prof. Dr. Antonio Loprieno
Chair of the Austrian Science Council



Prof. Dr. Rudolf Mallinger
Rector of the Karl Landsteiner Private University



Prof. Dr. Markus Müller
Rector of the Medical University of Vienna



Dr. Jama Nateqi
Founder of Symptoma



Prof. Dr. Martin Paul
President, Maastricht University & Regional Ambassador AAHCI Europe



Prof. Dr. Philippe Ryvlin
Head of the Dept. of Clinical Neurosciences at Lausanne University Hospital



Prof. Dr. Albert Scherpbier
Dean of the Faculty of Health, Medicine and Life Sciences, Maastricht University & Vice-President Maastricht UMC+



a.o. Prof. Dr. Michael Schirmer
Associate Professor, University Hospital for Internal Medicine II Innsbruck



Prof. Dr. Harald Schmidt
Head of the Dept. of Pharmacology and Personalized Medicine, Maastricht University



Prof. Dr. Simon Shorvon
Emeritus Professor Clinical Neurology and Clinical SubDean, UCL Institute of Neurology, University College London



Prof. Dr. Klement Tockner
President of the Austrian Science Fund (FWF)



PD Dr., MBA Jürgen Wallner
Director of Ethics, Barmherziger Brüder Austria



Prof. Richard Weinshilboum
Dasburg Prof. of Cancer Genomics Research Prof. of Pharmacology and Medicine, Mayo Clinic College of Medicine and Science

THURSDAY MARCH 28, 2019

11:15 am - 12:15

Accreditation and Light Lunch

12:15 - 01:00 pm

Opening

Welcome:

- Prof. Dr. Herbert Resch, Rector of Paracelsus Medical University
- Prof. Dr. Martin Paul, President, Maastricht University & Regional Ambassador AAHCI Europe
- PD Dr. Paul Sungler, CEO of University Hospital Salzburg
- Dr. Wilfried Haslauer, Provincial Governor
- Prof. Dr. Heinz Faßmann, Austrian Federal Minister of Education, Science and Research

01:00 - 03:00 pm

The Humboldtian Model of Higher Education in Changing Times

Chair: Prof. Dr. Herbert Resch, Rector PMU

- Medical Universities in Times of Social Change
- Medical Education at a Turning Point
- Medical School - (Not) an Alternative?
- Challenges in Research & Teaching in the Context of a Standard Care Hospital
- Panel Discussion

Loprieno
Müller
Mallinger
Fleischhacker

03:00 - 03:30 pm

Break

03:30 - 05:30 pm

The Future Value of Academic Health Centers

Chair: Prof. Dr. Martin Paul, President Maastricht University

- Excellence and Innovation – Value of Treatment
- Value of Research – What Remains Valid?
- The Value Proposition for an Integrated Academic Health Center:
Leveraging Research and Other Missions
- Research Funding, Research Output and Measurability
- Panel Discussion

Fazekas
Shorvon
Paul

Tockner

05:30 - 05:50 pm AAHCI – Leading Together

Kanter

FRIDAY MARCH 29, 2019

08:30 - 10:00 am

Digitalization of University Medicine / Chair: Prof. Dr. Christian Pirich, Dean PMU

- How can we prepare our students for digitalization?
- The Future of Medical Education
- Digitalization Initiatives at the University Hospital Center
- Panel Discussion

Goldhahn
Scherpbier
Eckstein

10:00 - 10:20 am

Break

10:20 am - 12:00

Telemedicine - How much Closeness Does the Patient Need?

Chair: Prof. Dr. Eugen Trinkla, Dean PMU

- Advances in Medical Applications through Digitalization – Chances & Potentials
- The Connected Patient – the Connected Hospital:
Advances in the Human Brain Project
- How is Telemedicine Changing our Profession - Now and in the Future?
- Panel Discussion

Herlitschka
Ryvlin

Forstner

12:00 - 01:00 pm

Lunch Break

01:00 - 02:45 pm

Personalized Medicine and Big Data / Chair: Prof. Dr. Eva Rohde, Vice-Rector PMU

- The Importance of Systems Medicine for the Future of Clinical Practice
- Digital Life Sciences & eHealth – Examples for Applications
- Pharmac-omics and OMICs Medicine – Status Report
- Panel Discussion

Schmidt
Lindstaedt
Weinshilboum

02:45 - 03:00 pm

Break

03:00 - 04:45 pm

Deep Learning and Artificial Intelligence / Chair: Prof. Dr. Arne Bathke, Dean PLUS

- Symptoma – Better Diagnosis
- Artificial Intelligence for Better Care
- Artificial Intelligence and Deep Learning - the Physician's Perspective
- Panel Discussion

Nateqi
Dekker
Schirmer

04:45 - 05:15 pm

**Ethics in the University Medicine of the Future:
"Fig Leaf", Comfort Factor or Thorn?**

Wallner

05:15 - 05:20 pm

Closing Remarks

INFORMATION

A joint initiative of the Paracelsus Medical University (PMU), the Association of Academic Health Centers International (AAH-CI) and the AAHCI European Regional Office in cooperation with the University Hospital Salzburg, Maastricht University and Maastricht University Medical Center+. The symposium counts as an AAHCI European Regional Meeting.

Convention Venue

Paracelsus Private Medical University, Building C, Strubergasse 22, 5020 Salzburg, Austria

Information and Registration

www.forummedizin21.at

Contact

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All contents of the Symposium will be simultaneously translated into German and English.
Participation is free of charge. Limited number of participants.



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