



Invitation to Symposium Frontiers in Human Exposome Research

Date: Wednesday 1st June, 13:00 - 17:00 (CEST)
Venue: Medical University of Graz, MED CAMPUS or online

Researchers have made huge advances in understanding environmental exposures and their biological effects in recent years. Despite this, there are still many gaps in knowledge. For example, the incidence of diseases such as cancer is rising, and the role of the exposome in this increase is not fully understood.

The “Frontiers in Human Exposome Research” symposium, organized by the Human Exposome Assessment Platform (HEAP) project, BBMRI.at and Medical University of Graz, presents the latest exposome research on epigenomics, microbiomics, metabolomics, explores legal and ethical issues, data management best practice, and presents the data analysis solution that the HEAP platform will offer to future generations of researchers.

To register to attend the symposium in person or online, please [click here](#).

Programme

- 13:15 Welcome video message
Caroline Schober
Vice Rector for Research and International Affairs,
Medical University of Graz, Austria

- 13:30 Biobanking and the exposome
Kurt Zatloukal
Head of the Diagnostic and Research Centre for Molecular
BioMedicine, Medical University of Graz,
Director BBMRI.at, Austria

- New frontiers in exposome research
Joakim Dillner
Head of Centre for Cervical Cancer prevention,
Karolinska Institute, Sweden

- Measuring the exposome: Delusion or next
 frontier?
Benedikt Warth
Head of Exposome Austria and the Global Exposomics &
Biomonitoring Laboratory, University of Vienna, Austria

- EIRENE – new European research infrastructure
 for human exposome research
Jana Klánová
Director of RECETOX, Masaryk University, Czech Republic

- 14:30 Coffee Break

- 15:00 Globalisation of exposome research – approaches and cancer research
Zisis Kozlakidis
 Head of Laboratory Services and Biobank Group, International Agency for Research on Cancer (IARC), France

 Ethics and legal aspects of exposome research
Evert-Ben van Veen
 Director, MLC Foundation, the Netherlands

 HopsWorks and the HEAP technical platform
Jim Dowling
 CEO, Logical Clocks, Sweden

 The HEAP FAIR toolbox
Heimo Müller
 Group Leader, Information Science and Machine Learning, Medical University of Graz, Austria

- 16:00 Coffee break
- 16:15 Personal exposome profiling
Michael Snyder
 Head Dept. of Genetics and Director of the Center for Genomics and Personalized Medicine, Stanford University School of Medicine, USA

Ageing and environment -> epigenome -> disease

Martin Widschwendter

Director European Translational Oncology Prevention and Screening (EUTOPS) Institute, Austria

Monitoring lifestyle intervention in the human exposome - the HEAP LifeStyle cohort

Chiara Herzog

European Translational Oncology Prevention and Screening (EUTOPS) Institute, Austria

How your everyday purchases affect your health

Frederik Trier Møller

Statens Serum Institut, Copenhagen, Denmark

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 MED CAMPUS Graz
 Hörsaal MC 2
 Stiftingtalstraße 6
 8010 Graz, Austria

Contact

If you have any questions,
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For additional info, please go to the HEAP website
<https://heap-exposome.eu>

With your participation you grant us permission to
publish images and video recordings made during the
event.

Registration

The participation at the event is free of charge, but please
register using the following QR Code



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MEMBER OF THE



European Human Exposome **NETWORK**