

HUMAN ^{Bio} MONITORING



2nd International Conference on Human Biomonitoring, Berlin 2016 Science and policy for a healthy future

April 17 – 19, 2016

Langenbeck-Virchow-Haus
Berlin, Germany

PROGRAM



Bundesministerium
für Umwelt, Naturschutz,
Bau und Reaktorsicherheit

Umwelt 
Bundesamt

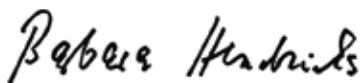
It gives us great pleasure to invite you to the 2nd International Conference on Human Biomonitoring in Berlin entitled “**Science and policy for a healthy future**”.

Following on from the success of the conference in Berlin in 2010, the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety and the German Environment Agency are jointly organising the next international forum for an exchange on all aspects relating to human biomonitoring. Human biomonitoring is ideally suited to detecting human exposure to chemicals, recognising deficits in protection for the public against critical substances and measuring the success of measures for chemicals regulation. Human biomonitoring is therefore a key information and control instrument for health-related environmental protection.

International experts from the scientific sector, politics, authorities, industry and associations are invited to take a critical look at today’s chemicals that have the potential to harm human health and that should be investigated as a matter of priority, and to discuss the incorporation of human biomonitoring into national and international initiatives on the environment and health.

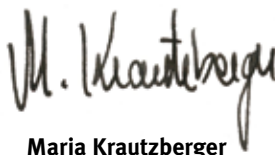
We also plan to organise more human biomonitoring conferences in future in order to promote and strengthen networking and cooperation between all stakeholders that are applying and further developing human biomonitoring to shape a healthy future.

We look forward to welcoming you to the conference!



Dr Barbara Hendricks

*Federal Minister for the
Environment, Nature Conservation,
Building and Nuclear Safety*



Maria Krautzberger

*President of the German
Environment Agency*

Sunday, April 17, 2016

5:00 pm – 7:00 pm **Registration**

6:00 pm – 9:00 pm **Welcome reception with scientific presentation**

Alexander Nies

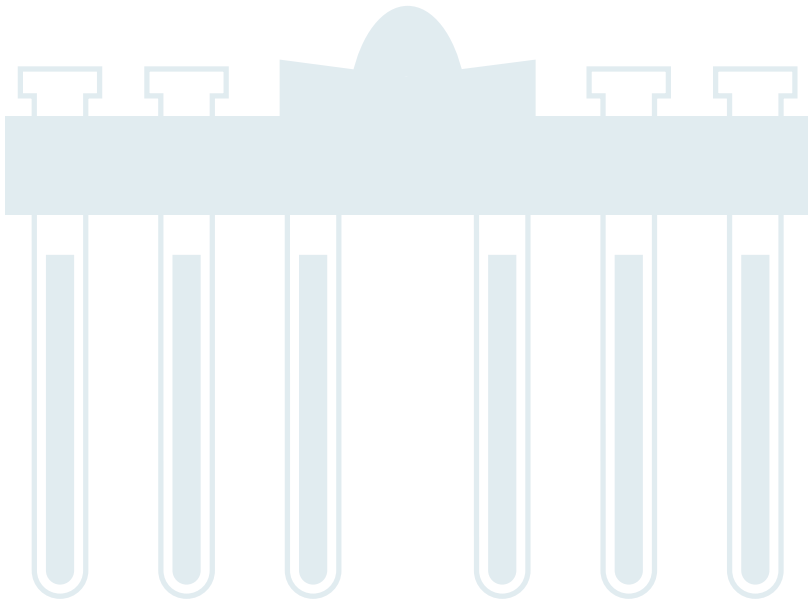
Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety/BMUB, Germany

Welcome address

Per Magnus


Norwegian Institute of Public Health

The impact of the environment on health



Monday, April 18, 2016

8:30 am	Registration
9:30 am – 10:10 am	Opening session Barbara Hendricks Minister for the Environment, Nature Conservation, Building and Nuclear Safety, Germany Human Biomonitoring – Why do we care? Maria Krautzberger President of the German Environment Agency Human Biomonitoring across Europe – The way forward
10:10 am – 10:40 am	Coffee break and poster viewing
10:40 am – 11:40 am	Panel discussion 1 Human Biomonitoring – a cornerstone of good political decisions Moderator: Andreas Gies , German Environment Agency/UBA Hermann Fromme , German Human Biomonitoring Commission and Bavarian State Office for Health and Food Safety Arnd Hoeweler , European Commission, DG Research & Innovation Sascha Gabizon , Women in Europe for a Common Future/WECEF Elizabet Paunovic , WHO European Centre for Environment and Health Edgar Leibold , BASF, Germany Karl-Heinz Jöckel , Institute of Medical Informatics, Biometry and Epidemiology, Essen University Hospital, Germany
11:40 am – 1:00 pm	Lunch and poster viewing

 German/English interpretation

Monday, April 18, 2016

1:00 pm – 3:30 pm

Session 1

HBM programs – new developments

Chairs:

Robert Barouki, Inserm-University Paris Descartes, France

Ovnair Sepai, Public Health England, United Kingdom

Antonia Calafat

US Centers for Disease Control and Prevention, United States

Biomonitoring in NHANES – recent advances and future directions

Douglas Haines

Health Canada

Health Canada’s human biomonitoring initiatives – progress and uses

Clémence Fillol

French Institute for Public Health Surveillance, Environmental Health Department

Prioritization of the biomarkers to be analyzed in the French biomonitoring program

Break and discussion: 15 minutes

Marike Kolossa-Gehring

German Environment Agency/UBA

The German Environmental Survey and the Environmental Specimen Bank – HBM for policy decisions

Tamar Berman

Public Health Services, Ministry of Health, Israel

Human biomonitoring in Israel – recent results and developments

Suejin Kim

National Institute of Environmental Research, Korea

Introduction of Korean National Environmental Health Survey (KoNEHS)

3:30 pm – 4:00 pm

Coffee break and poster viewing

Monday, April 18, 2016

4:00 pm – 5:50 pm

Session 2

HBM in large scale birth cohorts

Chairs:

Birgit Wolz, Federal Ministry for the Environment,
Nature Conservation, Building and Nuclear Safety/BMUB,
Germany

Michael Wilhelm, Ruhr University Bochum, Germany

Ruth Etzel

Environmental Protection Agency, United States

Pediatric environmental health – the role of biomonitoring in birth cohorts

Shoji F. Nakayama

National Institute for Environmental Studies, Japan

Japan's Environment and Children Study – lessons learned from incorporating HBM in a large-scale birth cohort study

William D. Fraser

University of Sherbrooke, Research Center of Sherbrooke
University Hospital/CHUS, Canada

Maternal-Infant Research on Environmental Chemicals (MIREC) – a Canadian biomonitoring birth cohort research platform

Jun Jim Zhang

Shanghai Jiao Tong University, China

The Shanghai Birth Cohort – current status and results

Sébastien Denys

The National Public Health Agency/ANSP, France

HBM in the ELFE birth cohort – results to date

5:50 pm – 6:00 pm

End of the first day/Closing remarks

Tuesday, April 19, 2016

9:00 am – 10:30 am

Session 3

Broadening the HBM toolbox

Chairs:

Michael Bader, BASF, Germany

Jana Klánová, Masaryk University, Czech Republic

Gabriele Leng

Currenta GmbH, Germany

New specific and sensitive biomonitoring methods for chemicals of emerging health relevance

Holger Koch

Institute for Prevention and Occupational Medicine of the German Social Accident Insurance, Institute of the Ruhr-University Bochum/IPA

The quest for biomarkers of exposure to non-persistent chemicals

Andy Nong

Health Canada

Pharmacokinetic modeling of health and exposure measures to support health risk interpretations

Paolo Vineis

Faculty of Medicine, School of Public Health, Imperial College London, United Kingdom

The role of the "omics-techniques" in HBM, current and future applications

10:30 am – 11:00 am

Coffee break and poster viewing

Tuesday, April 19, 2016

11:00 am – 12:15 pm **Session 4**
HBM in health risk assessment

Chairs:

Lisbeth E. Knudsen, University of Copenhagen, Denmark

Douglas Haines, Health Canada

Martin Kraft

German Human Biomonitoring Commission and North Rhine Westphalian State Agency for Nature, Environment and Consumer Protection

HBM values derived by the German HBM Commission and their practical use

Kembra Howdeshell

National Institute of Environmental Health Sciences/NIEHS, United States

Mixed exposure evaluation of pesticides and toxic substances, cumulative risk assessment

Angelika Zidek

Health Canada

HBM data used in regulatory risk assessment under Canada's chemicals management program

12:15 pm – 1:30 pm Lunch and poster viewing

Tuesday, April 19, 2016

1:30 pm – 3:30 pm

Session 5

Harmonizing HBM approaches and data – progress in the international and European landscape

Chairs:

Argelia Castaño, National Center for Environmental Health, Institute of Health Carlos III, Spain

Marika Berglund, Karolinska Institutet, Institute of Environmental Medicine, Sweden

Greet Schoeters

Flemish Institute for Technological Research/VITO, Belgium

[Results of the first Europe-wide HBM study](#)

Anke Joas

Consultancy for integrated solutions/BiPRO, Germany

[Lessons learned from the COPHES/DEMOCOPHES process](#)

Leonardo Trasande

NYU School of Medicine, United States

[Harmonizing approaches to burden of disease estimation due to environmental chemicals: endocrine disruptors as a case study](#)

Megan Latshaw

Association of Public Health Laboratories/APHL, United States

[Harmonizing HBM approaches across the United States](#)

Sofie Nørager

European Commission, DG Research & Innovation

[The European Commission's view on the EHBMI](#)

3:30 pm – 4:15 pm

Coffee break and poster viewing

Tuesday, April 19, 2016

4:15 pm – 5:30 pm

Panel discussion 2 **Human Biomonitoring – the tasks ahead**

Moderator:

Lilian Busse, German Environment Agency/UBA

Peter van den Hazel, Public Health Services Gelderland-Midden, Netherlands

Gerd Romanowski, German Chemical Industry Association/VCI

Gertrud Sahler, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety/BMUB, Germany


Catherine Ganzleben, European Environment Agency/EEA

Carolyn Vickers, World Health Organization/WHO

5:30 pm

Summary and conclusion of the conference

Jochen Flasbarth, State Secretary, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety, Germany

 German/English interpretation

Information

Organizers:

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety,
Robert-Schumann-Platz 3, 53175 Bonn, Germany
www.bmub.bund.de

German Environment Agency, Wörlitzer Platz 1, 06844 Dessau-Roßlau, Germany
www.umweltbundesamt.de

Registration:

Attendance is free of charge.
Please register online by April 3, 2016
at our conference website:

www.uba.de/en/hbm-conference-berlin2016

Deadline for poster submission is February 15, 2016.

Scientific Committee for poster exhibition:

Robert Barouki, Inserm-University Paris Descartes, France

Ulrike Bernauer, Federal Institute for Risk Assessment/BfR, Germany

Antonia Calafat, US Centers for Disease Control and Prevention, United States

Argelia Castaño, National Center for Environmental Health,
Institute of Health Carlos III, Spain

Ruth Etzel, Environmental Protection Agency, United States

Douglas Haines, Health Canada

Lisbeth E. Knudsen, University of Copenhagen, Denmark

Shoji Nakayama, National Institute for Environmental Studies, Japan

Greet Schoeters, Flemish Institute for Environmental Studies/VITO, Belgium

Gerda Schwedler, German Environment Agency/UBA

Conference Secretariat:

MediaCompany GmbH

Phone: 0049 (0)30 288 84 53 23

Email: hbm@berlin-conferences.de

How to get to the venue

Langenbeck-Virchow-Haus
Luisenstraße 59
10117 Berlin (Mitte), Germany

www.langenbeck-virchow-haus.de



Arriving at Tegel airport:

Take bus line “TXL” (direction Alexanderplatz via Hauptbahnhof) and get off at the bus stop “Charité/Campus Mitte”. The bus stop is at 50 m from the entrance to the Langenbeck-Virchow-Haus, Luisenstrasse 59. Travel time about 25 minutes.

If you take a taxi from the airport travel time is at least 20 minutes depending on traffic.

Arriving at Schönefeld airport:

Walk to the train station, take train RB 14 (direction Nauen) or RE 7 (direction Dessau). Get off at train station “Friedrichstraße”. Change here to bus No. 147 (direction Hauptbahnhof) and get off at the bus stop “Charité/Campus Mitte”.

Travel time about 60 minutes.

If you take a taxi from the airport travel time is at least 45 minutes depending on traffic.

Arrival by train:

From the main station “Hauptbahnhof” travel by bus No. 147 (direction Märkisches Museum). Get off at the bus stop “Charite/Campus Mitte”. Travel time about 6 minutes.

From train station “Friedrichstraße” take bus No. 147 (direction Hauptbahnhof). Get off at the bus stop “Charite/Campus Mitte”. Travel time about 6 minutes.

Walking distance to the Langenbeck-Virchow-Haus is about 10 minutes from “Hauptbahnhof” and about 15 minutes from “Friedrichstraße”.

Further information on public transportation in Berlin: www.bvg.de/en

Arrival by car: Please note that the Langenbeck-Virchow-Haus does not have any parking facilities. Public parking space in Berlin Mitte is limited and mostly fee-based.