



www.metdetox.org

International Conference on Metal Detoxification in Berlin

Programme June 10-13 2019

Sunday June 9th

16:00 Registration opens

Monday June 10th

8:30 Registration for late arrivals

9:00 Opening of the Conference (Ann-Marie Lidmark & Mats Hansson)

Medical Geology

9:15 Medical Geology introduction: How does our natural environment affect your health? - Olle Selinus (video link, Sweden)

10:00 Keynote lecture: A Medical Geology Perspective of Arsenic as a Poison and Medicinal Agent - José Centeno (USA)

10:45 Modern African Dust and Trace Metals: Transport, Loading and Human Exposure - Robert A. Menzies (USA)

11:15 **Coffee break**

Human Metal Toxicology

11:45 Keynote lecture: Metal toxicity - biochemical background with examples from cadmium, mercury and lead - Ulf Lindh (Sweden)

12:30 Current trends of toxic metal exposure in Russia: a modifying role of essential trace elements - Anatoly V. Skalny (Russia)

13:00 LUNCH & Exhibitions

14:30 Metal Intolerance and Proinflammatory Cytokine Production in Patients with Orthopedic Implant Failure - Štěpán Podzimek (Czech Republic)

Genetic Aspects of Metal Toxicology

15:00 Keynote lecture: Genetic aspects of metal toxicology - Michael Aschner (USA)

15:45 Ignored MTHFR Gene Mutation & Its Effects on the Detox Pathway - Edna Schur (Switzerland)

16:15 Mingle mixer, Posters & Exhibitions



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Tuesday June 11th

Toxicity and Chelation of Mercury

9:00 Keynote lecture: The Safety and Efficacy of a New Generation Heavy Metal Chelator (NBMI) that is an Uncharged Hydrophobic Chelator that Crosses Cell Membranes and the Blood-Brain Barrier - Boyd Haley (USA)

9:45 Reflections on a Twenty-Year Journey to the Medulla Oblongata - Woody McGinnis (USA)

10:20 Coffee Break

Novel Approaches to Metal Detoxification

11:00 Keynote lecture: Monoisoamyl DMSA, a new drug for arsenic toxicity - Journey from laboratory animals to human trial - Swaran Flora (India)

11:45 Environmental Medical Aspects of Prevention and Therapy - Ralf Heinrich (Germany)

12:15 LUNCH & Exhibitions

Aluminium Toxicity and Chelation

14:15 Keynote lecture: Silicic acid: nature's 'detox' for aluminium - Christopher Exley (United Kingdom)

15:00 Role of aluminium in breast carcinogenesis - Stefano Mandriota (Switzerland)

Heavy Metals in Immunology

15:30 Heavy Metal Induced Immune System Alterations - Pol de Saedeleer (Belgium)

16:15 Posters and Exhibitions

19:30 Dinner



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Wednesday June 12th

Testing for Metals in Humans

- 9:00 Keynote lecture: Testing for metals - Eleonore Baurock-Busch (Germany)
9:45 MELISA as a Tool for Identifying Metals as Inflammatory Triggers - Olaf Beckord (Germany)
10:15 Universal Analytical Tool for Human Biomonitoring of Mercury - Nikolay Mashyanov (Germany/Russia)

10:45 Coffee break

Clinical Aspects of Metal Toxicity and Detoxification

- 11:15 Keynote lecture: Clinical Applications of Chelation - Joachim Mutter (video link; Switzerland)
12:10 How to avoid arteriosclerosis and chronic diseases through metal-free dentistry - Hans Lammers (Germany)
12:40 Unconventional uses of chelating agents - Dietrich Wittel (Canada)
13:10 Experiences of EDTA chelation and Chronic Fatigue Syndrome - Edwin Boegman (South Africa)

13:40 LUNCH & Exhibitions

Parallel seminars

- 15:00 Introduction: Concluding discussions about the need for future research and evidence-based treatments
15:15 1. Chelating agents
2. Food and nutrition
3. The microbiome and detoxification
4. Advices for public health & medical care
5. Socioeconomic costs of heavy metal exposure
16:15 Reports from the seminars
17:00 Closing this part of the conference

Thursday June 13th

9:00 Discussion: Achieving evidence-based metal detoxification

- a) Cooperation between clinicians and researchers
b) Information and health recommendations

10:30 Finding partners

11:00 Coffee break

- 12:00 Sightseeing with an English speaking guide and lunch
16:30 Return to the hotel

