



# International Conference on Metal Detoxification

Berlin

June 10-13, 2019

It is a great pleasure to invite you to take part in the International Conference on Metal Detoxification. The aim of the conference is to bring together researchers and practitioners in the fields of metal biology, medicine and medical geology to showcase the recent developments and address global challenges we face today within the field of metal toxicity. Hopes are that the conference will lead to fruitful collaborative projects that will bring the field forward and science closer to clinical practice. Topics include but are not restricted to:

- **Biological mechanisms of the toxicity of metals** such as mercury, lead, arsenic, aluminium, and cadmium.
- **Medical geology** - the relationship between natural geological factors and their effects on human health.
- **Mechanisms of detoxification agents** - the mechanisms by which drugs and other detoxification agents aid the removal of metals from the body.
- **Natural agents and supplementation for metal detoxification** - what alternatives are there to the classical drugs? What supplements and/or herbals have shown effect? What are their mechanisms of action?
- **Nutrition and diet as supportive measures for metal detoxification** - how can nutrients and/or specific diets improve clinical outcomes? Which cellular processes and detoxification pathways are supported?
- **Genetic considerations in metal detoxification** - what genetic variants affect a person's ability to detoxify and excrete metals? Importance of genetics and metals for the development of specific medical conditions. Is DNA testing advised prior to treatment to identify susceptible individuals?
- **Clinical application of detoxification agents** - what are the experiences of clinically active practitioners? Agents used, dosing, success rates, complexity & considerations.
- **Testing for metal toxicity** - about testing in urine, blood, faeces, CSF, hair, nails, etc. Challenged vs. unchallenged testing. Testing instruments and technical considerations. Metal hypersensitivity and allergy testing.

For more information, visit [www.metdetox.org](http://www.metdetox.org)