

33. Joint Annual Meeting of the
German Society for Minerals
and Trace Elements (GMS)
with Zinc-UK



Aachen, Germany, 28.-30.09.2017

Zinc and other Trace Metals
in Health and Disease

Preliminary Program & Book of Abstracts

RWTH Aachen University Hospital, Pauwelsstr. 30, 52074 Aachen, Germany

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Program

Thursday, September 28th

18:30 Öffentlicher Abendvortrag (Public Talk in German)

Verborgene Wirkungsweisen von Zink in Diabetes [confirmed]

Wolfgang Maret (King's College, London, UK)

Followed by a welcome reception

Friday, September 29th

8:00 Registration & Coffee

8:45 – 9:00 Opening

INTERACTIONS OF TRACE ELEMENTS WITH THE IMMUNE SYSTEM I

Chair: Bernhard Michalke (Helmholtz Zentrum München, Germany)

9:00 – 9:30 **T1. Iron and Inflammation [confirmed]**
Manfred Nairz (Medical University Innsbruck, Austria)9:30 – 10:00 **T2. Zinc in Inflammatory Processes [confirmed]**
Inga Weßels (RWTH Aachen University Hospital, Germany)10:00 – 10:30 **T3. Targeting Zinc to Stop Cancer Growth [confirmed]**
Kathryn M. Taylor (Cardiff University, UK)

10:30 – 11:00 Coffee Break

INFLUENCES OF ZINC ON THE NERVOUS SYSTEM

Chair: Tanja Schwerdtle (University of Potsdam, Germany)

11:00 – 11:30 **T4. Effects of Zinc on Cognitive Function [confirmed]**
Nicola M. Lowe (University of Central Lancashire, Preston, UK)11:30 – 12:00 **T5. Impact of Zinc on Behavior [confirmed]**
Andreas Grabrucker (University of Limerick, Ireland)12:00 – 12:30 **T6. Zinc and Eye Diseases [confirmed]**
Imre Lengyel (Queen's University Belfast, UK)

12:30 – 13:00 Oral Presentation of Selected Poster I

13:00 – 14:00 Lunch



GENERAL HEALTH IMPACT OF TRANSITION METALS I

Chair: Dirk Schaumlöffel (Université de Pau et des Pays de l'Adour/CNRS, France)

14:00 – 14:30	T7. Dietary Copper and Human Health [confirmed] Muriel Bost (CHU, Lyon, France)
14:30 – 15:00	T8. Impact of Zinc on Cardiomyocytes [confirmed] Belma Turan (University of Ankara, Turkey)
15:00 – 15:30	T9. Zinc Homeostasis and Healthy Ageing [confirmed] Robertina Giacconi (INRCA, Ancona, Italy)
15:30 – 16:00	T10. Investigation of zinc uptake and bioavailability in an <i>in vitro</i> model of the gastrointestinal tract [confirmed] Hajo Haase (Technical University Berlin, Germany)
16:00 – 16:30	Coffee Break
16:30 – 17:00	Oral Presentation of Selected Poster II
17:00 – 18:15	GMS Business Meeting
17:15	Poster Viewing with Coffee, Drinks & Dinner

Saturday, September 30th

GENERAL HEALTH IMPACT OF TRANSITION METALS II

Chair: Anna Kipp (University of Potsdam, Germany)

9:00 – 9:30	T11. Toxicity of Manganese [confirmed] Julia Bornhorst (University of Potsdam, Germany)
9:30 – 10:00	T12. Perspectives for Vanadium in Health Issues [confirmed] Dieter Rehder (University of Hamburg, Germany)
10:00 – 10:30	T13. Molybdenum cofactor and human disease [enquired] Guenter Schwarz (University of Cologne, Germany)
10:30 – 11:00	Coffee Break

INTERACTIONS OF TRACE ELEMENTS WITH THE IMMUNE SYSTEM II

Chair: Esther Humann-Ziehank (University of Veterinary Medicine Hannover, Germany)

11:00 – 11:30 **T14. . Zinc and Autoimmunity [confirmed]**
Dirk Reinhold (Otto-von-Guericke University Magdeburg, Germany)

11:30 – 12:00 **T15. Impact of Cobalt (II) on the Immune System [confirmed]**
Eeva Moilanen (University of Tampere, Finland)

12:00 – 12:30 **T16. The Role of Nickel in Bacterial Pathogenicity [confirmed]**
Barbara Zambelli (University of Bologna, Italy)

12:30 – 13:00 **Heinz-Zumkley-Prize 2017 & Poster Prizes**

13:30 Optional City Tour in Aachen