

# Extrinsic and intrinsic modifiers of autoimmunity and diabetes risk

Tuesday, September 27<sup>th</sup>, 2016

Dear colleagues,

Oktoberfest is around the corner. It is a time that brings many people to Munich in a friendly and interactive atmosphere that for the last ten years has also spread to the science of diabetes in the form of the Oktoberfest Symposium.

We are delighted to continue the tradition and invite you to this year's Oktoberfest Symposium "Extrinsic and intrinsic modifiers of autoimmunity and diabetes risk".

  
Anette-Gabriele Ziegler

  
Ezio Bonifacio



## Programme

**08:50** **Opening and introduction**  
Anette-Gabriele Ziegler

**Chair: Ezio Bonifacio**

**09:00** **Martin Hrabé de Angelis**  
20 min Long range inheritance of disease susceptibility  
10 min - Discussion -

**09:30** **Alina Kindt**  
15 min Epigenetics in type 1 diabetes susceptibility  
5 min - Discussion -

**09:50** **Angela Hommel**  
15 min I17 hyper expression  
5 min - Discussion -

**10:10** **Martin Scherm**  
15 min miRNA142a und Treg stability  
5 min - Discussion -

**10:30** - COFFEE BREAK -

**Chair: Anette-G. Ziegler**

### >> HDC-Seminar

**11:15** **Lars Rogge**  
30 min Assays to access human immune responses to complex stimuli  
15 min - Discussion -

**12:00** **Joe Petronisino**  
30 min The gut microbiome in early life in a type 1 diabetes susceptible cohort  
15 min - Discussion -

**12:45** - LUNCH -

## Programme

**Chair: Jan Krumsiek**

**14:00** **David Endesfelder**  
15 min Heterogeneity of longitudinal  $\beta$ -cell autoantibody responses  
5 min - Discussion -

**14:20** **Markus Hippich**  
15 min Phenotype heterogeneity in childhood diabetes  
5 min - Discussion -

**14:40** **Fabian Theis**  
20 min Big Data – Challenges and Opportunities for type 1 diabetes  
10 min - Discussion -

**15:10** **Conclusion and introduction to the Oktoberfest**  
Ezio Bonifacio

For all enquiries please contact:

Claudia Pecher or Cordula Falk  
Phone: +49 - 89 - 3187 - 2547  
+49 - 89 - 3187 - 3157

E-Mail: [claudia.pecher@helmholtz-muenchen.de](mailto:claudia.pecher@helmholtz-muenchen.de)  
[cordula.falk@helmholtz-muenchen.de](mailto:cordula.falk@helmholtz-muenchen.de)

## Speakers and Chairs

### **Ezio Bonifacio**

Center for Regenerative Therapies Dresden, Paul Langerhans Institute Dresden, TU Dresden; Institute for Diabetes and Obesity, Helmholtz Zentrum München, Germany

### **David Endesfelder**

Institute of Computational Biology, Helmholtz Zentrum München, Germany

### **Markus Hippich**

Institute of Diabetes Research, Helmholtz Zentrum München, Germany

### **Angela Hommel**

Center for Regenerative Therapies Dresden, TU Dresden, Germany

### **Martin Hrabé de Angelis**

Institute of Experimental Genetics, Helmholtz Zentrum München; Institute of Experimental Genetics, TU München - Weihenstephan, Germany; Speaker of the German Center for Diabetes Research

### **Alina Kindt**

Institute of Computational Biology, Helmholtz Zentrum München, Germany

### **Jan Krumsiek**

Institute of Computational Biology, Helmholtz Zentrum München, Germany

### **Joe Petrosino**

Baylor College of Medicine, Molecular Virology and Microbiology, Houston, Texas, USA

### **Lars Rogge**

Institut Pasteur, Département d'Immunologie, Paris, France

### **Martin Scherm**

Institute of Diabetes Research, Helmholtz Zentrum München, Germany

### **Fabian Theis**

Institute of Computational Biology, Helmholtz Zentrum München, Germany

## Speakers and Chairs

### **Anette-Gabriele Ziegler**

Institute of Diabetes Research, Helmholtz Zentrum München; Forschergruppe Diabetes e. V.; Forschergruppe Diabetes, Klinikum rechts der Isar, Technische Universität München, Germany

Supported by

— FORSCHERGRUPPE DIABETES E. V. —  
am Helmholtz Zentrum München

**HelmholtzZentrum münchen**

Deutsches Forschungszentrum für Gesundheit und Umwelt



**HDZ** Helmholtz Diabetes Center

## Oktoberfest Symposium 2016

### **EXTRINSIC AND INTRINSIC MODIFIERS OF AUTOIMMUNITY AND DIABETES RISK**

Helmholtz Zentrum München  
Auditorium, Building 23  
Ingolstädter Landstr. 1, 85764 Neuherberg

Tuesday, September 27<sup>th</sup>, 2016

8:50 a.m. - 3:10 p.m.



**5 CME  
points**

Presented by

**Institute of Diabetes Research  
Helmholtz Diabetes Center**  
Helmholtz Zentrum München

**Forschergruppe Diabetes**  
Klinikum rechts der Isar, Technische Universität München

**Forschergruppe Diabetes e. V.**  
at Helmholtz Zentrum München

**German Center for Diabetes Research (DZD)**