

## TYPE 1 DIABETES - STRESS, IMMUNITY AND THE BETA CELL

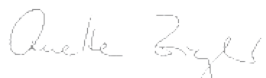
Tuesday, October 2<sup>nd</sup>, 2018

Dear Colleagues,

just in time for the Oktoberfest 2018 we are delighted to continue a well-established tradition in science of diabetes and invite you to our 12<sup>th</sup> Oktoberfest Symposium.

Our Oktoberfest Symposium is a well-known forum of international and local scientists who come together to present and discuss experiences and study results. This year we meet to continue our discussion on immunity and the beta cell.

We are looking forward to welcoming you to the symposium and to Munich.

  
Anette-G. Ziegler

  
Ezio Bonifacio



### Programme

09:00 **Anette-Gabriele Ziegler**  
Opening and introduction

**Chair: Sandra Hummel**

09:30 **Heikki Hyöty**  
Rationale for vaccination against virus infections in early life  
- Discussion -

10:00 **Lisa Holthaus**  
Effect of mitochondrial stress on T cells function  
- Discussion -

10:15 **Anne Eugster**  
Infection and immune aging in infancy  
- Discussion -

10:30 **Martin Scherm**  
Dissecting mechanisms of T reg stability in islet autoimmunity  
- Discussion -

10:45 - COFFEE BREAK -

>> HDC-Seminar

**Chair: Heiko Lickert**

11:15 **Patrick MacDonald**  
Phenotyping human islet cells: Linking cell function and identity in health and diabetes  
- Discussion -

### Programme

**Chair: Ezio Bonifacio**

12:00 **Anne Grapin-Botton**  
Towards organoid models for Diabetes  
- Discussion -

13:00 - LUNCH -

**Chair: Peter Achenbach**  
14:00 **Markus Hippich**  
BTNL2 genotype and expression and type 1 diabetes risk  
- Discussion -

14:15 **Tobias Lenz**  
A functional perspective on HLA associations in Type 1 Diabetes  
- Discussion -

14:45 **Heiko Lickert**  
Resolving islet cell failure and regeneration on the single cell level  
- Discussion -

15:15 **Anette-G. Ziegler, Ezio Bonifacio**  
Conclusion and introduction to the Oktoberfest

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## Speakers and Chairs

### **Peter Achenbach**

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

### **Ezio Bonifacio**

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

### **Anne Eugster**

Center for Regenerative Therapies, Dresden (CRTD), Paul Langerhans Institute Dresden, TU Dresden, Germany

### **Anne Grapin-Botton**

Center for Stem Cell and Developmental Biology (DanStem), University of Copenhagen, Denmark

### **Markus Hippich**

Institute of Diabetes Research, Helmholtz Zentrum München, Germany

### **Lisa Holthaus**

Institute for Diabetes and Obesity, Helmholtz Zentrum München, Germany

### **Sandra Hummel**

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

### **Heikki Hyöty**

Faculty of Medicine and Life Sciences, Virology, University of Tampere, Finland

### **Tobias Lenz**

Emmy Noether Group for Evolutionary Immunogenomics, Max Planck Institute for Evolutionary Biology, Plön, Germany

## Speakers and Chairs

### **Heiko Lickert**

Institute of Diabetes and Regeneration Research, Helmholtz Zentrum München, Germany

### **Patrick MacDonald**

Alberta Diabetes Institute, Department of Pharmacology, University of Alberta, Edmonton, Canada

### **Martin Scherm**

Institute of Diabetes Research, Helmholtz Zentrum München; Research Unit Immunotolerance in diabetes, Germany

### **Anette-Gabriele Ziegler**

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

## Presented by

### **Institute of Diabetes Research**

Helmholtz Zentrum München  
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### **HelmholtzZentrum münchen**

Deutsches Forschungszentrum für Gesundheit und Umwelt

### **HDC Helmholtz Diabetes Center**



Klinikum rechts der Isar



Technische Universität München



Lehrstuhl für Diabetes und Gestationsdiabetes

FORSCHERGRUPPE DIABETES E.V.

## Oktoberfest Symposium 2018

### **TYPE 1 DIABETES - STRESS, IMMUNITY AND THE BETA CELL**

Helmholtz Zentrum München

Auditorium, Building 23

Ingolstädter Landstr. 1 , 85764 Neuherberg

Tuesday, October 2<sup>nd</sup>, 2018

9:00 a.m. - 3:30 p.m.



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### **Institute of Diabetes Research Helmholtz Diabetes Center**

Helmholtz Zentrum München

### **Forschergruppe Diabetes**

Klinikum rechts der Isar,  
Technische Universität München

**Forschergruppe Diabetes e. V.**  
München