

## Beta cell meets immunity - Symposium

Tuesday, September 28, 2010

Dear Colleagues,

Oktoberfest is around the corner once more and we are happy to announce this year's Diabetes 'Oktoberfest' Symposium, the fourth in what is starting to become a tradition. This year's topic is the beta cell meets immunity and is an attempt to stimulate cross-talk between the science of the two most relevant self components of type 1 diabetes. A forum of international and local scientists are brought together to present and discuss immune mediated beta cell destruction, and models for studying beta cell development, expansion, destruction and replacement. Advances in these two areas are of paramount importance in our attempts to cure type 1 diabetes. We hope that the presentations, discussions, informal atmosphere, and unique social get-together will foster innovative actions and research that bridge the sciences of the adaptive immune response to the beta cell and beta cell replacement.

The symposium will be held at the time of the Oktoberfest providing guests and participants an opportunity to celebrate in Bavarian style and visit the 'Wiesn'. We are looking forward to welcoming you to the symposium and to Munich.

Prof. Dr. Anette-G. Ziegler

Prof. Dr. Ezio Bonifacio

## AGENDA

### Type 1 diabetes – Interactions between the immune system and the beta cell

- 9.00 Opening and Chair  
-9.15 Anette-Gabriele Ziegler
- 9.15 Marian Rewers  
- 9.45 TEDDY und DAISY contributions to  
the etiology and natural history  
of type 1 diabetes
- 9.45 Discussion  
- 9.55
- 9.55 Maren Pflüger  
-10.10 Metabolomic profiles in autoantibody  
positive children
- 10.10 Peter Achenbach  
-10.25 Mathematical modelling of autoantibody  
natural history
- 10.25 COFFEE BREAK  
-10.55
- Chair*  
*Jochen Seißler*
- 10.55 Lorenzo Piemonti  
-11.15 Intrabone islet transplantation -  
mouse and man
- 11.15 Eckhard Wolf  
-11.35 Xenotransplantation
- 11.35 Heiko Lickert  
-11.55 Models for beta cell development
- 11.55 Stephan Speier  
-12.15 Models for in vivo  
beta cell imaging

## AGENDA

- 12.15 LUNCH  
-13.15
- Chair*  
*Dirk Busch*
- 13.15 Bart Roep  
-13.45 Autoreactive T cells in type 1 diabetes
- 13.45 Discussion  
-13.55
- 13.55 Anne Henninger  
-14.10 Naïve and memory autoreactive  
T cells in neonates
- 14.10 Anne Eugster  
-14.25 B-cell repertoires of pancreatic  
lymph nodes
- 14.25 Vito Lampasona  
-14.50 Identification of antigen specific B cells
- 14.50 COFFEE BREAK  
-15.10
- Chair*  
*Ezio Bonifacio*
- 15.10 Peter Colman  
-15.25 INIT II - Intranasal insulin for secondary  
prevention of type 1 diabetes
- 15.25 Dick Insel  
-15.55 40 years of JDRF - where to go
- 16.00 Eberhard Standl  
An abbreviated history of the Oktoberfest

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## Speakers and Chairs

Peter Achenbach  
Institute of Diabetes Research, Helmholtz Zentrum  
München, Forschergruppe Diabetes e.V.

Ezio Bonifacio  
Center for Regenerative Therapies, TU Dresden, Germany

Dirk Busch  
Institut für Medizinische Mikrobiologie, Immunologie und  
Hygiene, TU München, Germany

Peter Colman  
Royal Melbourne Hospital, Melbourne, Australia

Anne Eugster  
Center for Regenerative Therapies, TU Dresden, Germany

Anne Heninger  
Center for Regenerative Therapies, TU Dresden, Germany

Dick Insel  
Juvenile Diabetes Research Foundation International (JDRF),  
New York, USA

Vito Lampasona  
Laboraf Diagnostica e Ricerca San Raffaele S.p.A., Milan, Italy

Heiko Lickert  
Institute of Stem Cell Research, Helmholtz Zentrum München,  
Germany

Maren Pflüger  
Forschergruppe Diabetes e.V. at Helmholtz Zentrum  
München, Germany

## Speakers and Chairs

Lorenzo Piemonti  
San Raffaele Del Monte Tabor Foundation Milan, Italy

Marian Rewers  
University of Colorado Health Science Center Barbara Davis  
Center for Childhood Diabetes, Aurora, USA

Bart Roep  
Leiden University Medical Center, Netherlands

Jochen Seißler  
Diabetes Zentrum der LMU München, Medizinische Klinik  
Innenstadt, Germany

Stephan Speier  
Center for Regenerative Therapies, TU Dresden, Germany

Eberhard Standl  
Forschergruppe Diabetes e.V. at Helmholtz Zentrum  
München, Germany

Eckhard Wolf  
Gene Center Munich, LMU München, Germany

Anette-Gabriele Ziegler  
Institute of Diabetes Research, Helmholtz Zentrum München,  
Forschergruppe Diabetes e.V., Forschergruppe Diabetes der  
TU München, Klinikum rechts der Isar, Germany

Mit freundlicher Unterstützung von

Kompetenznetz Diabetes mellitus,  
DIAPREPP - **D**iabetes type 1 **P**rediction, **E**arly  
**P**athogenesis and **P**revention und



# Beta cell meets immunity - Symposium

## Type 1 diabetes – Interactions between the immune system and the beta cell

Lecture Hall, Department of Pediatrics  
Munich University of Technology  
Parzivalstraße 16, 80804 Munich

Tuesday, September 28, 2010  
9.00 am - 4.00 pm

Presented by:

Die  
Veranstaltung  
ist mit 6 CME  
Punkten  
zertifiziert.

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

**Institute of Diabetes Research**  
Helmholtz Zentrum München

**Forschergruppe Diabetes  
der Technischen Universität München**  
Klinik für Kinder- und Jugendmedizin,  
Klinikum rechts der Isar