

Childhood diabetes: features, pathogenesis and intervention

Tuesday, September 26th, 2017

Dear Colleagues,

just in time for the Oktoberfest 2017 we are delighted to continue a unique tradition in science of diabetes and invite you to our 11th Oktoberfest Symposium.

As for the past ten years, a forum of international and local scientists is brought together to present and discuss experiences and new findings, this time on "Childhood diabetes: features, pathogenesis and intervention".

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



Sandra Hummel

Peter Achenbach



Programme

- 08:30** **Opening and introduction**
Sandra Hummel, Peter Achenbach
- 08:35** **Type 1 diabetes in childhood: the transition to early identification, care, treatment and approaches to prevention**
Anette-G. Ziegler
- 09:00** **Identification of risk and features of pathogenesis**
Chair: Stefanie Hauck, Carolin Daniel
- 09:00** **Michael Laimighofer**
15 min Caesarean section signatures meet auto-immunity signatures
5 min - Discussion -
- 09:20** **Marlen Lepper**
15 min T cell proteomics
5 min - Discussion -
- 09:40** **Isabelle Serr**
15 min Immune activation vs. tolerance in islet autoimmunity
5 min - Discussion -
- 10:00** **Ezio Bonifacio**
15 min New autoantibodies: genetic and disease relationships
5 min - Discussion -
- 10:20** - COFFEE BREAK -
- 10:45** **Epidemiology meets big data**
Chair: Sandra Hummel
- 10:45** **Marjo-Riitta Järvelin**
35 min Complex data in prospective birth cohort studies: what can we learn about disease development?
10 min - Discussion -
- 11:30** **Anitha Pitchika**
10 min Maternal diabetes effects on childhood growth and metabolism
5 min - Discussion -

Programme

- 11:45** **Jill Norris**
35 min Dietary patterns and metabolomic profiles associated with development of islet autoimmunity
10 min - Discussion -
- 12:30** - LUNCH -
- 13:30** **Target beta cell**
Chair: Peter Achenbach
- 13:30** **Alberto Pugliese**
35 min Investigating the pathogenesis of type 1 diabetes through the study of organ donors: the nPOD Project
10 min - Discussion -
- 14:15** **Teresa Rodriguez-Calvo**
20 min Low grade enteroviral infections commonly occur in type 1 diabetes: the nPOD-Virus Group Concordance Study
10 min - Discussion -
- 14:45** **Heiko Lickert**
35 min Beta cell heterogeneity and regeneration
10 min - Discussion -
- 15:30** **Anette-G. Ziegler, Ezio Bonifacio**
Conclusion and introduction to the Oktoberfest

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Presented by

HelmholtzZentrum münchen

Deutsches Forschungszentrum für Gesundheit und Umwelt

HDC Helmholtz Diabetes Center



FORSCHERGRUPPE DIABETES E.V.

Oktoberfest Symposium 2017

CHILDHOOD DIABETES: FEATURES, PATHOGENESIS AND INTERVENTION

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

Tuesday, September 26th, 2017
8:30 a.m. - 3:45 p.m.



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Institute of Diabetes Research
Helmholtz Diabetes Center
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Klinikum rechts der Isar, Technische Universität München

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