



## Satellite Symposia

ISNI-IDS Satellite Symposium

Thursday, June 7

9:00 am - 5:30 pm

Nautilus III



IMMUNOLOGY OF DIABETES SOCIETY



### TCR Repertoire and Structure in Type 1 Diabetes and Multiple Sclerosis: Pathogenesis and Treatment

#### 9:00 am – 12:00 pm Morning Session: Structural Issues of T Cell Recognition and Activation

9:10 am	Towards a Repertoire of Self-peptides for Autoimmune Diseases	Alex Sette
9:35 am	Immunological Synapse and its Relevance to Autoimmune TCR Recognition	Nick Gascoigne
10:00 am	Role of Endogenous Peptides in T Cell Activation	Michelle Krogsgaard
10:25 am	Recognition by Autoimmune TCRs	Kai Wucherpfennig
10:50 am	Structural Mechanisms for Diversifying the TCR Recognition	Joan Goverman
11:15 am	Antigen-specific T Regs: How Structure Translates to Function in Human T Reg and Effector Responses	Tim Tree
11:40 am - 11:50 am	Delineating the Roles of CD4+ and CD8+ T Cell Subsets in the Pathogenesis of Spontaneous Autoimmune Diabetes Using HLA-DQ8 Transgenic Mice	Govindarajan Rajagopalan
11:50 am - 12:00 pm	HLA-DR3/4 Heterozygosity is a Risk Factor for Autoantibody Conversion and Type 1 Diabetes Recurrence After Simultaneous Pancreas-kidney Transplantation	Stavros Diamantopoulos

12:00 pm – 1:00 pm Lunch Break



**1:00 pm – 3:00 pm      Afternoon Session: Repertoire and Pathogenesis of Autoimmunity**

1:10 pm                      The Repertoire of Effector and Regulatory T Cells During the Course of EAE                      Vijay Kuchroo

1:35 pm                      T Cell and B Cell Receptor Recognition in EAE                      Hartmut Wekerle

2:00 pm                      TCR and Epitope Repertoire by Tc-land in Humans T1D                      Bart Roep

2:25 pm                      Autoreactive T Cell Repertoire in the Pancreas Draining LN and MS                      Sally Kent

**3:20 pm – 5:30 pm      Afternoon Session: Repertoire and Antigen Specific Immunotherapies**

3:30 pm                      Novel Mechanisms of Peripheral T Cell Tolerance                      Shannon Turley

3:55 pm                      Treatment of MS by Antigen Specific Tolerance                      Steve Miller

4:20 pm                      Human Autoimmune Repertoire                      Gerald Nepom

4:45 pm                      Advances in the Treatment of Type I Diabetes                      Kevan Herold

5:10 pm - 5:20 pm      Human B Cell Cytokine Regulation and Multiple Sclerosis (MS)                      Christine Ghorayeb

5:20 pm - 5:30 pm      Quantitative and Qualitatively Normal Regulatory T Cells Are Not Capable of Inducing Suppression in SLE Patients Due to T Cell Resistance                      María Inés Vargas-Rojas