



SyMMyS Seminar: New insights into Type 1 Diabetes and the Regulation of Immune Responses

Date: May 23, 2016

Venue: Biomedicum Helsinki, Haartmaninkatu 8, Lecture Hall 2

10.15 Opening the Seminar

Mikael Knip

SESSION 1

Chair: Riitta Lahesmaa

10.20 Protecting the beta-cell in type 1 diabetes: a hard nut to crack

Chantal Mathieu

10.55 Early exposure to LPS variants contributes to susceptibility to autoimmunity in humans

Mikael Knip

11.20 Beta-cell function before and during the preclinical stage of type 1 diabetes

Jorma Toppari

11.50 New approaches bring novel insights into type 1 diabetes

Niina Lietzen

12.05 Metabolome in progression to type 1 diabetes

Matej Oresic

12.35 Lunch

SESSION 2

Chair: Mikael Knip

13.30 Molecular mechanisms of human T helper cell differentiation

Riitta Lahesmaa

14.00 TLR9 signaling pathway studies in monocyte-derived macrophages of DIPP children

Mari Vähä-Mäkilä

14.15 ROR γ – a potential drug target in type 1 diabetes and multiple sclerosis?

Linnea Hartwall

14.30 *Coffee*

SESSION 3

Chair: Matej Oresic

15.00 Quantification of DNA modifications enables analysis of demethylation pathways

Harri Lähdesmäki

15.30 Experimentally-based mathematical modeling to study Th17 cell differentiation

Jukka Intosalmi

15.45 Metabolic reprogramming in T cell differentiation

Esko Kempainen

16.00 Closing the Seminar

Mikael Knip

