

Viruses and type 1 diabetes: current status of knowledge, key questions and collaborative opportunities

Sunday, 30 September 2012, 09:00 – 12:45

Kusmaul Room

Chairs: Mark Atkinson (US)
Heikki Hyoty (FI)
Matthias von Herrath (US)
Alberto Pugliese (US)

Organisers: Heikki Hyoty, Alberto Pugliese, Teodora Staeva and Richard Insel

9:00 – 10:30 Collaborative T1D viral efforts
Chair: Mark Atkinson (US)

Welcome and introductions
Teodora Staeva (US)

VIDIS overview
Heikki Hyoty (FI)

nPOD-V overview
Alberto Pugliese (US)

T1D susceptible or protective EV serotypes:
The case for developing an EV vaccine for T1D
Jeffrey Almond (FR)

10:30 – 12:00 Evidence for a viral connection in T1D
Chair: Heikki Hyoty (FI)

Viral assessment of rapid onset TEDDY cases
Anette Ziegler (DE)

Enteroviruses in myocarditis and T1D
Nora Chapman (US)

EV analyses in pancreas biopsies from new onset
T1D patients
Lars Krogvold (NO)

12:00 – 12:45 Lunch

Organisers: **JDRF, VIDIS, nPOD**

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Sunday, 30 September 2012, 12:45 – 18:00

Kusssmaul Room

- 12:45 – 14:00 Virus-induced immune pathologies in T1D
Chair: Matthias von Herrath (US)
- Virus-induced beta cell dysfunction and demise
Gun Frisk (SE)
- Immune and pathological changes induced by viral infection
Dirk Homann (US)
- Enhancing EV antibodies in T1D pathology
Didier Hober (FR)
- Immune protection of pancreatic islets in EV induced diabetes
Malin Flodström-Tullberg (SE)
- 14:00 – 14:30 Round table discussion: where do we go from here?
Chair: Alberto Pugliese (US)
- Discussants: Jeffrey Almond (FR)
Nora Chapman (US)
Heikki Hyoty (FI)
Matthias von Herrath (US)
- 14:30 – 15:00 Round table discussion: use of anti-viral agents in new onset
T1D and pre-diabetes
Chair: Richard Insel (US)
- Discussants: Armando De Palma (BE)
Knut Dahl-Jørgensen (NO)
Marian Rewers (US)
Jay Skyler (US)
Anette Ziegler (DE)
- 15:00 – 15:15 Coffee break
- 15:15 – 16:00 VIDIS governance session
Chair: Heikki Hyoty (FI)
- 16:00 – 18:00 nPOD-V working group session
Chair: Alberto Pugliese (US)

Organisers: **JDRF, VIDIS, nPOD**