



DUTCH SOCIETY FOR IMMUNOLOGY

NVVI Lunteren Symposium 2020:

"Development, function, and derailment of the immune system"

Date: March 26 & 27, 2020

Location: Congrescentrum De Werelt, Lunteren, The Netherlands

Thursday March 26, 2020

11.00 Welcome and Introduction by Monika Wolkers

Session I **Immune development & adaptation** - Chair: Tom Cupedo

11.15 Lymphoid stromal cells are essential components of macrophage niches
Marc Bajenoff, Marseille, France

12.00 The role of innate lymphoid cells in adapting epithelial cells to environmental change
Andreas Diefenbach, Berlin, Germany

12.45 Lunch

Session II **Therapeutic potential of innate immune cells** - Chair: Lotte Wieten

13.45 Harnessing innate immunity in cancer therapy
Eric Vivier, Marseille, France

14.30 IgA and neutrophil Fc α RI: the past, present and future
Marjolein van Egmond, Amsterdam, NL

15.15 Tea break

Session III **Humoral responses in health and disease** - Chair: Uli Scherer

16.00 The most frequent monogenetic causes of antibody deficiency in humans
Bodo Grimbacher, Freiburg, Germany

16.45 Regulation of antibody-effector functions through glycosylation and memory in humans
Gestur Vidarsson, Amsterdam, NL

17.30 Drinks and Dinner

Evening keynote lecture - Chair: Sandra van Vliet

20.00 Krebs cycle reborn in macrophage immunometabolism
Luke O'Neill, Dublin, Ireland

21.00 Party



Friday March 27, 2020

8.15 'Meet-the-speaker' breakfast sessions

Session IV **Spaciotemporal regulation of autoimmunity** - Chair: José Borghans

9.00 Wrong place, wrong time - microbiota translocation in autoimmunity
Martin Kriegel, New Haven, USA

9.45 Human T cells in time and space
Femke van Wijk, Utrecht, NL

10.30 Coffee break

Session V **(Non-)classical anti-tumor T cell responses** - Chair: Gerty Schreibelt

11.00 Interrogation of T cell antigen specificity in response to cancer
Sine Reker Hadrup, Lyngby, Denmark

11.45 NKG2A as a novel checkpoint inhibitor for cancer immunotherapy
Thorald van Hall, Leiden, NL

12.30 Lunch

Closing session **At the single cell level** - Chair: Martijn Nawijn

13.15 Title tba
Dirk Busch, München, Germany

14.00 **Keynote:** Reconstructing the human immune system using single cell genomics
Muzlifah Haniffa, Newcastle, UK

15.00 Closure by Monika Wolkers