

International workshop on the Danger Model



Oslo, Norway, June 22-23, 2017

Meeting's organizer: The Norwegian Society for Immunology (NSI)

<http://norwegianimmunology.org>; www.facebook.com/norwegianimmunology

Free entrance, everybody is welcome!

Limited number of seats: please sign up at

<http://norwegianimmunology.org/meetings/nsi-events/>



Program

1. Day – Thursday, 22nd June 2017

Venue: Rikshospitalet, Store Auditorium, Sognsvannsveien 20, Oslo

Chair: Alexandre Corthay, Oslo University Hospital, NSI president

Session 1 Introduction to the Danger Model

- 09.00: **Opening**
Alexandre Corthay, Oslo University Hospital, NSI president
- 09.10: **Danger and tolerance: transplants, pregnancy and tumors**
Polly Matzinger, National Institutes of Health (NIH), Bethesda, USA
- 09.55: **Discussion**
- 10.25: **Coffee break**
- 10.55: **Immunogenic cell death**
Inger Øynebråten, Oslo University Hospital
- 11.25: **Discussion**
- 11.40: **Transplantation immunology**
Einar Martin Aandahl, Oslo University Hospital (to be confirmed)
- 12.10: **Discussion**
- 12.25: **Lunch break with wraps**

Session 2 Other models for T cell activation and tolerance (part 1)

- 13.30: **The Development-Context Model: putting danger in context**
Colin C. Anderson, University of Alberta, Edmonton, Canada
- 14.15: **Discussion**
- 14.30: **Lymphocyte cooperation initiates immune responses: a contemporary assessment**
Peter Bretscher, University of Saskatchewan, Canada
- 15.15: **Discussion**
- 15.30: **Coffee break**

Session 3 Autoimmunity

- 16.00: **Autoimmunity from a Danger point of view**
Polly Matzinger, NIH, Bethesda, USA
- 16.45: **Discussion**
- 17.15: **Triggers and drivers of autoimmunity**
Ludvig Sollid, University of Oslo
- 18.00-18:30: **Discussion**
- 19.00-22:00: **Pizza and beers (free discussion)**



2. Day – Friday, 23rd June 2017

Venue: Store Auditorium, Rikshospitalet, Sognsvannsveien 20, Oslo

Chair: Alexandre Corthay, Oslo University Hospital, NSI president

Session 4 The Danger Model and Cancer

09.00: **NK cell recognition of stressed self**
Marit Inngjerdingen, Oslo University Hospital

09.30: **Discussion**

09.45: **The danger model, self-nonself discrimination and cancer**
Alexandre Corthay, Oslo University Hospital

10.30: **Discussion**

10.45: **Coffee break**

Session 5 Other models for T cell activation and tolerance (part 2)

11.15: **On integrity in immunity**
Zlatko Dembic, University of Oslo

12.00: **Discussion**

12.15: **Lunch break with wraps**

Session 6 Danger signals

13.15: **IL-33 - cytokine of dual function or novel alarmin?**
Guttorm Haraldsen, Oslo University Hospital and University of Oslo

14.00: **Discussion**

14.30: **Coffee break**

Session 7 Immune Class Regulation

15.00: **Class control: the other side of tolerance**
Polly Matzinger, NIH, Bethesda, USA

15.45: **Discussion**

16.15: **Quantitation and Immune Class Regulation: The Threshold Hypothesis**
Peter Bretscher, University of Saskatchewan, Canada

17.00-18:00: **Discussion**

19.30: **Dinner**