**International workshop on the**

**Danger Model**

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*Photo by Ole J. B. Landsverk*

**Oslo, Norway, 22-23 June, 2017**

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

[**http://norwegianimmunology.org**](http://norwegianimmunology.org)**;** [**www.facebook.com/norwegianimmunology**](http://www.facebook.com/norwegianimmunology)

**Free entrance, everybody is welcome!**

**Limited number of seats: please sign up at**

[**http://norwegianimmunology.org/meetings/nsi-events/**](http://norwegianimmunology.org/meetings/nsi-events/)

** We are grateful to our sponsors:**

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**Official patrons of the Norwegian Society for Immunology:**

**1st Day – Thursday, June 22, 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: Organ transplants - the ultimate immune challenge**

**Einar Martin Aandahl,** Oslo University Hospital

**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)**

**2nd Day – Friday, June 23, 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**

**13.15: Idiotype-driven T-B collaboration and its pathogenic potential**

**Bjarne Bogen**, University of Oslo

**14.00: Discussion**

**Session 6 Danger signals**

**14.15:** **IL-33 - cytokine of dual function or novel alarmin?**

 **Olav Sundnes,** Oslo University Hospital

**14.45: Discussion**

**15.00:** **Dual Blockade of Inflammation - targeting the complement system and
the TLR co-receptor CD14 in acute inflammatory disease.**

**Per Nilsson and Søren Pischke,** University of Oslo

**15.30:** **Discussion**

**15.45: Coffee break**

**Session 7 Immune Class Regulation**

**16.15:** **Quantitation and Immune Class Regulation: The Threshold Hypothesis**

 **Peter Bretscher**, University of Saskatchewan, Canada

**17.00:** **Discussion**

**17.15:** **Class control: the other side of tolerance**

**Polly Matzinger,** NIH, Bethesda, USA

**18.00-19:00:** **Discussion**

**19.30:** **Dinner**