

# Scandinavian Society for Immunology 45<sup>th</sup> Annual Meeting & Spring School of Immunology

Meeting Organizers: Norwegian Society for Immunology

April 2 – April 6, 2019  
Geilo, Norway



## Scientific Programme

### TUESDAY, APRIL 2

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17:00 – 19:00 **Arrival, Registration and Poster Setup**

20:00 – 22:00 **Welcome Dinner**

### WEDNESDAY, APRIL 3: Spring School of Immunology

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7:00 – 8:15 **Breakfast**

8:15 – 11:45 **Adaptive Immunity – Symposium Session**

8:15 – 9:15 **Jan Terje Andersen**, Oslo University Rikshospitalet, Norway  
*Design of antibodies for half-life extension*

9:15 – 10:15 **Wolfgang Schamel**, University of Freiburg, Germany  
*Optogenetic control of TCR activation*

10:15 – 10:45 **Coffee Break**

10:45 – 11:45 **Devin Sok**, Scripps Research Institute, USA  
*Translating concepts to clinical trials: rational HIV vaccine design*

11:45 – 15:00 **Lunch & Social Activities**

15:00 – 17:00 **Systems Biology – Symposium Session**

15:00 – 16:00 **Tapio Lönnberg**, University of Turku, Finland  
*Resolving productive and pathogenic T cell responses with single-cell transcriptomics*

16:00 – 17:00 **Fridtjof Lund-Johansen**, University of Oslo, Norway  
*A comprehensive atlas of autoantibody reactivity in autoimmune disease and cancer*

17:00 – 17:30 **Coffee Break**

17:30 – 19:30	<b>Innate Immunity – Symposium Session</b>
17:30 – 18:30	<b>Gudmundsson Hrafn Gudmundsson</b> , University of Iceland, Iceland <i>Induced expression of antimicrobial peptides to fight infections</i>
18:30 – 19:30	<b>Trine Mogensen</b> , Aarhus University, Denmark <i>Immunogenetics of infectious diseases and primary immunodeficiencies</i>
19:30 – 21:00	<b>Dinner</b>
21:00 – 22:00	<b>Welcome Address and Keynote Lecture</b>
21:00 – 21:05	<b>Inger Sandlie</b> , University of Oslo, Norway <i>Presidential Welcome Address</i>
21:05 – 22:00	<b>Matthew Krummel</b> , University of California, USA <i>Keynote Lecture: Imaging a world beyond checkpoints – classes of immune responses in vivo</i>

#### THURSDAY, APRIL 4

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7:00 – 8:15	<b>Breakfast</b>
8:15 – 10:00	<b>Antigen Recognition – Symposium Session</b>
8:15 – 8:45	<b>Andy Sewell</b> , Cardiff University, United Kingdom <i>Title: TBA</i>
8:45 – 9:30	<b>Gur Yaari</b> , Bar Ilan University, Israel <i>AIRR-seq data reveal mosaic deletion patterns of the human antibody heavy and light chain loci</i>
9:30 – 10:00	<b>Devin Sok</b> , Scripps Research California, USA <i>Antibody discovery against variable pathogens</i>
10:00 – 10:30	<b>Coffee Break and Poster Setup</b>
10:30 – 12:00	<b>Oral Poster Presentations – Session 1</b>
12:00 – 15:30	<b>Lunch and Social Activities</b>
15:30 – 16:00	<b>Coffee Break</b>
16:00 – 17:30	<b>Immune Deviation – Symposium Session</b>
16:00 – 16:45	<b>Stephen Galli</b> , Stanford University, USA <i>Nordic Foundation of Immunology Lecture: Investigating the critical roles of mast cells and IgE in innate and adaptive defenses against venoms</i>

16:45 – 17:30	<b>Ludvig Sollid</b> , University of Oslo, Norway <i>Understanding how gluten drives autoimmunity in celiac disease</i>
17:30 – 18:00	<b>Oral Poster Presentations – Session 2</b>
18:00 – 18:30	<b>Lisa Westerberg</b> , Karolinska Institute, Sweden <i>Understanding actin regulators in immune cells</i>
18:30 – 19:00	<b>Søren Egedal Degn</b> , Aarhus University, Denmark <i>Beyond antibodies – pleiotropic functions of B cells in autoimmune disease</i>
19:00 – 20:30	<b>Dinner</b>
20:30 – 22:00	<b>Poster Session 1</b>

## FRIDAY, APRIL 5

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7:00 – 8:15	<b>Breakfast</b>
8:15 – 10:00	<b>Elimination – Symposium Session</b>
8:15 – 8:50	<b>Menna R. Clatworthy</b> , University of Cambridge, United Kingdom <i>Anti-commensal IgG and FcRs play a pivotal role in intestinal inflammation</i>
8:50 – 9:20	<b>Etienne Meunier</b> , University of Toulouse, France <i>Unchaining the non-canonical inflammasome</i>
9:20 – 10:00	<b>Trude Helen Flo</b> , Norwegian University of Science and Technology, Norway <i>HIV infection of CD4+ T cells: innate sensing and host dependency factors</i>
10:00 – 10:30	<b>Coffee Break</b>
10:30 – 12:15	<b>Immune Memory – Symposium Session</b>
10:30 – 11:05	<b>Liv Eidsmo</b> , Karolinska Institute, Sweden <i>Resident T cells in human skin – protective, pathogenic or contextual?</i>
11:05 – 11:40	<b>Frode Lars Jahnsen</b> , University of Oslo, Norway <i>Plasma cells live for decades in the human small intestine</i>
11:40 – 12:15	<b>Anna Katharina Simon</b> , University of Oxford, United Kingdom <i>Autophagy in homeostasis, differentiation and ageing of immune cells</i>
12:15 – 15:30	<b>Lunch and Social Activities</b>
15:30 – 16:00	<b>Coffee Break and Poster Viewing for Prize Competition</b>

16:00 – 17:10	<b>Relevance – Symposium Session</b>
16:00 – 16:35	<b>Bent Jakobsen</b> , Immunocore, United Kingdom <i>Antigen-targeted soluble bispecific T cell receptor (ImmTAC®) molecules in immunotherapy</i>
16:35 – 17:10	<b>Gunnveig Grødeland</b> , University of Oslo, Norway <i>DNA vaccination with APC-targeted antigens for prevention of influenza pandemics</i>
17:10 – 18:00	<b>Annual General Meeting Scandinavian Society for Immunology</b>
18:00 – 19:30	<b>Poster Session 2 – guided poster tours</b> <i>Guided poster tours of poster prize finalists</i>
20:30 – 24:00	<b>Dinner, Immunology Quiz, Poster Prize Award and Party</b>

## SATURDAY, APRIL 6

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7:30 – 8:45	<b>Breakfast</b> <i>Prepare take-away lunchbox</i>
8:45 – 10:00	<b>Highlights – Spring School of Immunology</b>
8:45 – 9:25	<b>Wolfgang Schamel</b> , University of Freiburg, Germany <i>Optogenetic control of TCR activation</i>
9:25 – 10:00	<b>Jan Terje Andersen</b> , Oslo University Rikshospitalet, Norway <i>Design of antibodies for half-life extension</i>
10:00 – 10:30	<b>SSI Speaker</b> , TBA <i>Title: TBA</i>
10:30	<b>End of Meeting</b>