

Welcome to the  
**37<sup>th</sup> Annual Meeting and General Assembly of the  
Norwegian Society for Immunology**



**Friday, November 29, 2019**  
**Runde Auditorium, Domus Medica**

Official sponsors of the NSI:





## Session 1 – Company and Jebsen Center presentations

*Chair: Victor Greiff, NSI secretary*

- 09:30** K.G. Jebsen Centre for Cancer Immunotherapy: Johanna Olweus  
**10:00** K.G. Jebsen Centre for Coeliac Disease: Rasmus Iversen  
**10:30** K.G. Jebsen Centre for Influenza Vaccine Research: Gunnveig Grødeland  
**11:00** K.G. Jebsen Centre for Autoimmune Disorders: Anette Wolff
- 11:30** Lunch

## Session 2

*Chair: Inger Sandlie, NSI president*

- 12:15** **NSI Honorary Member Lecture**  
**Kjetil Taskén**, Head & Director, Institute of Cancer Research, Norwegian Radium Hospital.  
Group leader, Dept. of Cancer Immunology, Oslo University Hospital.  
*T-cell signaling and immune regulation*
- 13:00** **NSI Keynote Lecture**  
**David Sancho Madrid**, Immunobiology Laboratory, Centro Nacional de Investigaciones Cardiovasculares (CNIC), Madrid, Spain  
*Dendritic cells beyond antigen presentation*
- 14:00** Coffee break + Sponsor Exhibition

## Session 3

*Chair: Else Marit Inderberg*

- 14:20** **National NSI Speaker**  
**Janna Saarela**, NCMM, University of Oslo.  
*Rare inherited immune disorders: From bedside to bench and back*
- 14:50** **Abstract Session #1: Lymphocyte Function**
- 14:50** **Laura Valestrand**  
*Natural killer T cells promote cholestatic liver disease in bile duct ligated mice*
- 15:02** **Raquel Bartolomé Casado**  
*Both CD103<sup>-</sup> and CD103<sup>+</sup> CD4<sup>+</sup> T-cell subsets constitute resident memory cells that persist for years in the human small intestine*
- 15:14** **Lene S. Høydahl**  
*Identification of plasma cells as gluten peptide-presenting cells by use of peptide-MHCII-specific antibodies*
- 15:27** **Rahmad Akbar**  
*A compact vocabulary of paratope-epitope interactions enables predictability of antibody-antigen binding*
- 15:39** **Hanna Chan**  
*A simple and efficient workflow for generation of knock-in mutations in Jurkat T cells using CRISPR/Cas9*
- 15:50** Coffee break



## Session 4

Chair: Brian K. Chung, NSI board member

### 16:10 National NSI Speaker

**Piotr Mateusz Mydel**

*Platelets in the Uremic Milieu - Fibrinogen receptor (GpIIb/IIIa) carbamylation as an underlying mechanism of platelet dysfunction in ESRD*

### 16:40 Abstract Session #2: Immunotherapy

16:40 **Stian Foss**

*Dual effector function engineering extends antibody half-life and enhance complement activation*

16:52 **Pierre Dillard**

*Targeting telomerase with an MHC class II-restricted TCR for cancer immunotherapy*

17:04 **Tor Kristian Andersen**

*Accelerated germinal center reaction by targeting vaccine antigens to Major Histocompatibility Complex II*

17:16 **Kristina Berg Lorvik**

*HIV+ immunological non-responders have increased exhaustion of CD4 T-cells in blood and gut*

17:28 **Emmanuelle Benard**

*Preclinical development of CD37CAR T-cell therapy for treatment of B-cell lymphoma*

## NSI General Assembly

Chair: Inger Sandlie

### 17:40 Agenda

1. Approval of the agenda
2. Presentation and approval of the NSI's Activity Report for 2019
3. Presentation of Financial Report for Nov. 2018–Nov. 2019 (Kushi Kushekhar) and approval of audited accounts.
4. Election of new NSI board members for the period Nov. 2019–Nov. 2021. The election committee (Raquel Bartolomé and Kristina Berg Lorvik) suggests the following candidates:
  - Else Marit Inderberg as new NSI presidency.
  - Filip Segers and Igor Snapkov as new Board Members
5. NSI Research Award 2019.
6. Travel grant from Per Brandtzaeg's fund for research in mucosal immunology
7. Other items. Members who wish to bring up an item for discussion at the General Assembly can notify the NSI president ([inger.sandlie@ibv.uio.no](mailto:inger.sandlie@ibv.uio.no)) in advance.

## Poster Session + Sponsor Exhibition

18:10 Poster session with snacks and drinks outside the Runde auditorium.

## Annual Dinner and Party

Venue: **Café Eric, Domus Medica**

19:15 Annual Dinner and Party