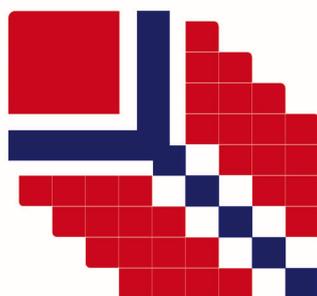


Welcome to the
**40th Annual Meeting and General Assembly of the
Norwegian Society for Immunology**



Friday, November 25, 2022

Runde Auditorium, Domus Medica



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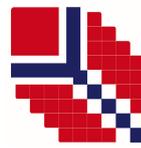
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Session 1 – New technologies to profile the immune system

Chair: Victor Greiff, NSI secretary

- 09:30** **Jørn Skavland**, Bergen Core Facility for Flow Cytometry, UiB
Discovery and Functional Profiling using Mass Cytometry
- 10:00** **Victor Greiff**, Department of Immunology, University of Oslo
Progress and limitations in BCR/TCR profiling
- 10:30** **Susanne Lorenz**, Head of Genomics and Bioinformatics Core Facility, OUS
Sequencing-based Single Cell Multi-Omics
- 11:00** **Jorunn Stamnæs and Sachin Singh**, Department of Immunology, Proteomics Core Facility, UiO
Mass spectrometry based tools for basic and translational research in immunology
- 11:30** Lunch

Session 2

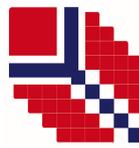
Chair: Else Marit, NSI president

- 12:15** **National Speaker**
June Myklebust, Group leader, Dept. of Immunology, Institute for Cancer Research, Oslo
University Hospital
Associate Professor, Institute for Clinical Medicine, University of Oslo
Deciphering immune cell states in the B-cell lymphoma microenvironment
- 13:00** **NSI Keynote Lecture**
Bruno Miguel de Carvalho e Silva Santos, University of Lisbon, Lisbon, Portugal
Gamma-delta T cells for immunotherapy of cancer
- 14:00** Coffee break + Sponsor Exhibition

Session 3

Chair: Else Marit Inderberg, NSI President

- 14:20** **National NSI Speaker**
Helena Erlandsson Harris, The Broegelmann Chair in Translational Immunology Broegelmann
Research Laboratory, University of Bergen
Revealing immune mechanisms active in juvenile arthritis by a proteomics approach PhD
- 14:50** **Abstract Session #1**
- 14:50** **Benjamin Caulier**, Oslo University Hospital, CanCell, University of Oslo
Preclinical development of an unsuspected CAR candidate for acute myeloid leukemia
- 15:00** **Natalia F. Arango**, University of Bergen
Characterizing the infiltrating immune microenvironment in bone tissue engineered constructs.
- 15:10** **Marte Heimli**, Oslo University Hospital and University of Oslo
Multimodal human thymic profiling reveals trajectories and cellular milieu for T agonist selection
- 15:20** **Kristin Lunder Klausen**, University of Oslo
Vaccine efficacy during obesity
- 15:30** **NSI Research Prize #1**
- 15:50** Coffee break



Session 4

Chair: Anette S. Bøe Wolff, NSI board member

16:10 National NSI Speaker

Peter Szodoray, B-cell Receptor Signaling Group (BCRS), Department of Immunology, Rikshospitalet, Oslo University Hospital
Integration of T-helper signals with BCR signaling mediates enhanced plasma cell differentiation of human memory B-cells through regulation of CD45 phosphatase activity

16:40 Abstract Session #2

16:40 **Johan Georg Visser**, University of Oslo
Development of an Lck-SH2 domain superbinder for characterization of phosphotyrosine proteins during T cell activation

16:50 **Andre' Sulen**, University of Bergen
Unveiling Addison's disease by adrenal imaging mass cytometry

17:00 **Nadia Mensali**, Oslo University Hospital
A novel target antigen for CAR therapy in metastatic osteosarcoma

17:10 **Johanna Hol Fosse**, Norwegian Veterinary Institute
The infectious salmon anaemia virus 4-O-sialyl-acetyl-esterase extensively prunes target cell surfaces in infected hosts

17.20 NSI Research Prize #2

NSI General Assembly

Chair: Else Marit Inderberg

17:40 Agenda

1. Approval of the agenda
2. Presentation and approval of the NSI's Activity Report for 2022
3. Presentation of Financial Report for Nov. 2021–Nov. 2022 (Kushi Kushekhar) and approval of audited accounts.
4. Election of new NSI board members for the period Nov. 2022–Nov. 2024.
Candidates: Victor Greiff (president), Gunnveig Grødeland (secretary), Hanna Chan (treasurer), Esmaeil Dorraji (sponsorships), Rahmad Akbar (board member).
5. NSI Research Award 2022.
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 (Else Marit Inderberg, Suso.Else.Marit.Inderberg@rr-research.no) in advance.

Poster Session + Sponsor Exhibition

11:30 Put up posters and exhibition stands

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