

UNIVERSITY OF COPENHAGEN
LEO FOUNDATION SKIN IMMUNOLOGY
RESEARCH CENTER



18-20 May

Summer School 2026 Skin Immunity and Homeostasis



LEO Foundation
Skin Immunology
Research Center

Programme

18

Monday 18th of May

- 10:30 Registration for bus to Hornbæk
- 11:00 Departure from central Copenhagen (Frue Plads)
- 12:00 Arrival and lunch at Hotel Bretagne
- 12:50 Group photo in front of Hotel Bretagne

SESSION 1: T cell Immunity in the Skin I

Chairs: John Rizk & Mia Hamilton Jee · Location: Hotel Bretagne

- 13:00 Welcome
- 13:10 Christina Zielinski (University of Jena, Germany and Cambridge University, UK) – *To die or to kill – a novel mechanism of T cell cytotoxicity*
- 13:45 Georg Stary (Medical University of Vienna, Austria) – *Ticks, Tumors, and T Cells: What the Skin Reveals About Immunity*
- 14:20 Short Talk 1: Ivan Valishev – *TRPV1+ sensory neurons promote adaptive Th17 immunity*
- 14:30 Short Talk 2: Gabriela F. Gubert – *Dermal $\gamma\delta$ T cells, the unconventional amplifiers of inflammation in a bullous pemphigoid model*
- 14:40 Short Talk 3: Martina Parigi – *Immune cells adapt to distinct stem cell niches to govern tissue homeostasis*
- 14:50 Break

SESSION 2: T cell Immunity in the Skin II

Chairs: Andrew Brown & Veronika Mraz · Location: Hotel Bretagne

- 15:10 Thomas Gebhardt (The University of Melbourne, Australia) – *T cell immunity to cutaneous infection and cancer*
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- 15:45 Xiang Zheng (Aarhus University, Denmark) – *From Markers to Networks through Multiplexed Imaging-Powered Deep Visual Proteomics*
- 16:20 Short Talk 4: Lina Gross – *Spatial transcriptomics identifies characteristic immunological niches in atopic dermatitis*
- 16:30 Short Talk 5: Aubrey Houser – *Single-cell spatial profiling of tumor microenvironment multicellular neighborhoods across human cutaneous squamous cell carcinoma progression*
- 16:40 Short Talk 6: Wenning Zheng – *Mapping of disease-driving T cell clones from skin to synovial joint tissues and in peripheral blood in psoriatic arthritis*
- 16:50 Short Talk 7: Matin Dokht Ashoori – *Investigating the role of the IgE-FcεRI axis in human cutaneous squamous cell carcinoma*
- 17:00 Short introductions from scientists presenting posters

Break and check-in at Hotel Bretagne/Hornbækhus

Location: Hornbækhus

- 18:30 "Meet the speakers" dinner
- 20:00 Poster session
- 21:30 Poster session closes



Tuesday 19th of May

7:30 - 8.45: Breakfast at Hotel Bretagne/Hornbækhus

SESSION 3: Skin Homeostasis

Chairs: Helen Vaher & Martin Namini · Location: Hotel Bretagne

- 9:00 Rachel Watson (A*STAR Skin Research Lab (A*SRL), Singapore) – *Skin health and disease: How do we define 'health'?*
- 9:35 Ning-Xu Landén (Karolinska University, Sweden) – *Decoding the Molecular Logic of Human Skin Wound Healing*
- 10:10 Short Talk 8: Luke Houghton – *Young, Wild, and (Specific-Pathogen) Free: How Microbial Complexity Alters Skin Homeostasi*
- 10:20 Short Talk 9: Bruno Rocha – *IL-22 Acts as a Central Mediator of Skin Barrier Homeostasis*
- 10:30 Break

SESSION 4: Skin fibroblasts

Chairs: Erik van Tilburg Bernardes & Marianne Bengtson Løvendorf

Location: Hotel Bretagne

- 11:10 Yuval Rinkevich (Chinese Institutes for Medical Research, China) – *Novel perspectives in tissue repair*
- 11:35 Beate Lichtenberger (Medical University of Vienna, Austria) – *Beyond Structural Support: Skin Fibroblasts as Dynamic Regulators of Tissue and Disease*
- 12:10 Short Talk 10: Gaurav Kansagara – *One Protein, Divergent Cell Fates: Matricellular Protein Mindin Orchestrates Fibroblast Heterogeneity in Organ Repair and Fibrogenesis*
- 12:20 Short Talk 11: Madalina Alexandru – *Innate Immune Dysregulation Drives Recessive Dystrophic Epidermolysis Bullosa – Associated Squamous Cell Carcinoma*
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- 12:30 Lunch
- 13:30 Bus leaves Hotel Bretagne
- 14:00 Guided tour at Esrum Kloster (Esrum Abbey) – *Taste the abbey garden*
- 16:00 “Hygge” break – coffee, tea and cake – Hotel Bretagne

SESSION 5: Requirements for Skin Inflammation

Chairs: Anders Boutrup Funch & Maria Gluud Grøndahl

Location: Hotel Bretagne

- 16:30 Cornelia Halin Winter (ETH Zurich, Switzerland) – *Guiding Immunity: Lymphatic Organization and Leukocyte Migration in the Skin*
- 17:05 Michelle Kahlenberg (University of Michigan, USA) – *Context is important – how interferons modulate immune response in autoimmune skin disease*
- 17:40 Short introductions from scientists presenting posters

Location: Hornbækhus

- 18:30 “Meet the speakers” dinner
- 20:00 Poster session
- 21:30 Poster session closes

Wednesday 20th of May

7:30 - 8.45 Breakfast and check-out at Hotel Bretagne/Hornbækhus

SESSION 6: Innate Immunity in the Skin

Chairs: Beatrice Dyring-Andersen & Terkild Brink Buus

Location: Hotel Bretagne

- 9:00 Mathieu Bertrand (Flemish Institute of Biotechnology, Belgium) – *ATG9A as a master regulator of skin homeostasis*
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- 9:35 Mads Gyrd-Hansen (University of Copenhagen, Denmark)
– *Molecular determinants of TNF-driven inflammatory pathology*
- 10:10 Short Talk 12: Marta Palomo Irigoyen – *Intestinal Inflammation and microbiota depletion rewire skin immunity and increase susceptibility to bacterial infection*
- 10:20 Short Talk 13: Alshimaa Mostafa – *Epithelial Control of Antifungal Immunity: Keratinocyte-Intrinsic KID Mutation Drives Chronic Cutaneous Candidiasis via Impaired Sensing and Chemokine Production*
- 10:30 Short Talk 14: Jennifer Keller – *Keratinocytes tailor the Interleukin-36 response to double-stranded RNA in infection and disease*
- 10:40 Break
- 11:00 Kai Mesa (Princeton University, USA) – *Niche-specific dermal macrophage loss promotes skin capillary aging*
- 11:35 Wrap-up and awards for best Poster and Short Talk
- 12:00 Lunch
- 13:00 Departure from Hotel Bretagne
- 14:00 Optional tour of SIC (Mærsk Tower)/drop-off at central Copenhagen (Frue Plads)

The programme may be subject to change.



Organisers from LEO Foundation Skin Immunology Research Center, University of Copenhagen, Denmark:

Scientific committee: Jonathan Coquet, Charlotte Menné Bonefeld, Anders Woetmann, Lars Rønn Olsen, Mads Gyrd-Hansen and William Agace.

Coordinator and administration: Hannah Paludan. Contact: SIC@sund.ku.dk.

Venue

The SIC Summer School will be held at atmospheric Hotel Hornbækhus, acclaimed as one of Europe's best seaside hotels for its scenic surroundings in Hornbæk, Denmark and the equally charming Hotel Bretagne. Visit hornbaekhus.com/en and en.hotelbretagne.dk for details.

Accommodation will be provided at Hotel Hornbækhus, Villa Strand (which is part of Hornbækhus) and Hotel Bretagne.

Breakfast will be at the hotel you are staying at. Occupants of Villa Strand will have breakfast at Hornbækhus. Lunch will be served at Hotel Bretagne and dinner will be served at Hornbækhus.

A limited number of bicycles will be available – if you are interested in borrowing one, contact Hannah Paludan at sic@sund.ku.dk.

Addresses

Hotel Bretagne
Sauntevej 18, 3100 Hornbæk

Hotel Hornbækhus
Skovvej 7, 3100 Hornbæk

Villa Strand
Kystvej 12, 3100 Hornbæk

Transportation

We have organised a bus to pick up participants on Monday the 18th of May at Frue Plads, by Vor Frue Church – next to the oldest part of the University of Copenhagen – a five-minute walk from Nørreport station. The bus will leave at 11:00 sharp, so we urge you to turn up early. The bus trip will take approximately one hour.

We have also organised a bus back to Copenhagen, and this will leave after lunch at Hotel Bretagne on Wednesday the 20th of May. The bus will leave Hotel Bretagne at 13:00 hrs. The first drop-of point will be the

Mærsk Tower for the SIC tour and the second drop-off point will be back at Frue Plads at approx. 14:30 hrs.

If you are taking public transport, please note that the journey takes approx. 1 hr. 45 mins from the airport.

You can plan your trip and find train departure times at www.journeyplanner.dk

If you are arriving by car – free parking is available at all three hotels.

Short talks and poster session

If you have been asked to give a short talk in the programme, we ask you to bring your presentation on a USB drive and coordinate with Hannah Paludan before the session begins. A separate e-mail has been sent to the presenters.

The poster sessions will take place at Hornbækhus. Please hang your poster on your designated poster board upstairs in the conference room (1st floor) before the dinner on Monday (which starts at 18:30 hrs.). Your poster number can be found in the abstract book which can be downloaded from Conference Manager. Posters must be removed no later than Wednesday morning before session 6 starts but we recommend taking it down Tuesday after the poster session. Posters not removed will be discarded. Poster dimensions: Max 138 x 92 cm (H x W).



Invited speakers

Beate Lichtenberger, Medical University of Vienna, Austria
Christina Zielinski, Hans Knöll Institute, Germany
Cornelia Halin Winter, ETH Zurich, Switzerland
Georg Stary, Medical University of Vienna, Austria
Kailin Mesa, Princeton University, USA
Mads Gyrd-Hansen, University of Copenhagen, Denmark
Mathieu Bertrand, Flemish Institute of Biotechnology, Ghent, Belgium
Michelle Kahlenberg, University of Michigan, USA
Ning Xu Landén, Karolinska University, Sweden
Rachel Watson, A*STAR Skin Research Lab (ASRL), Singapore
Thomas Gebhardt, University of Melbourne, Australia
Xiang Zheng, Aarhus University, Denmark
Yuval Rinkevich, Chinese Institutes for Medical Research, Beijing, China

Participant list

Abigail Grootveld, University of Copenhagen, Denmark
Adrian Corsetti, University of Copenhagen, Denmark
Aleksandra Judin, University of Tartu, Estonia
Alexandra Seibel, University of Copenhagen, Denmark
Alma Lindell, University of Copenhagen, Denmark
Alshimaa Mostafa, Kyoto University, Japan
Amanda Kvist-Hansen, University of Copenhagen/Herlev and Gentofte Hospital, Denmark
Anders Boutrup Funch, University of Copenhagen, Denmark
Anders Woetmann, University of Copenhagen, Denmark
Andreas Hasseriis Kamstrup, University of Copenhagen, Denmark
Andrew Brown, University of Copenhagen, Denmark
Aubrey Houser, Icahn School of Medicine at Mount Sinai, USA
Beatrice Dyring-Andersen, Zealand University Hospital, Denmark
Bruno Rocha, Charité Universitätsmedizin, Germany
Charlotte Menné Bonefeld, University of Copenhagen, Denmark
Colton Smith, University of Pittsburgh, USA
David Pesqué, Hospital Del Mar, Spain
Egon Urgard, University of Copenhagen, Denmark
Else Marie Agger, University of Copenhagen, Denmark
Emma Ewing, University of Copenhagen, Denmark
Erik Kupschke, University of Bern, Switzerland
Erik van Tilburg Bernardes, University of Copenhagen, Denmark
Erin Beebe, University of Zurich, Switzerland
Eva Benfeldt, LEO Foundation, Denmark
Faidra Papalamprou, University of Copenhagen, Denmark
Frederikke Bak Schou, University of Copenhagen, Denmark
Gabriela F. Gubert, Würzburg University, Germany
Gaurav Kansagara, Institute for Stem Cell Science and Regenerative Medicine (inStem), India
Gina Lindberg, University of Copenhagen, Denmark
Hannah Paludan, University of Copenhagen, Denmark

Helen Vaher, University of Copenhagen, Denmark
Helene Wegener, University of Copenhagen, Denmark
Helle Rudolph Jensen, University of Copenhagen, Denmark
Henning Klapproth, University Hospital of Cologne, Germany
Isabel Ulmert, University of Copenhagen, Denmark
Ishita Dasgupta, University of Edinburgh, UK
Ivan Valishev, University of Pittsburgh, USA
Jennifer Keller, University Hospital Zurich, Switzerland
Johanna Kabbert, University of Copenhagen, Sweden
John Rizk, University of Copenhagen, Denmark
Jonathan Coquet, University of Copenhagen, Denmark
Lars Kruse, LEO Foundation, Denmark
Lars Rønn Olsen, University of Copenhagen, Denmark
Lina Gross, University of Bern, Switzerland
Luke Houghton, Charite Universitätsmedizin, Germany
Madalina Alexandru, King's College London, UK
Marcelo Gregorio Filho Fares Da Silva, Technical University of Denmark, Denmark
Maria Grøndahl, University of Copenhagen, Denmark
Marianne Løvendorf, Herlev and Gentofte Hospital, Denmark
Marina Gladkova, Medical University of Vienna, Austria
Marta Palomo Irigoyen, Medical University of Vienna, Austria
Marta Lopez Montes, Karolinska Institutet, Sweden
Martin Namini, University of Copenhagen, Denmark
Martina Parigi, The Rockefeller University, USA
Matin Dokht Ashoori, Imperial College London, UK
Mattia Dervasi, University of Copenhagen, Denmark
Mia Hamilton Jee, University of Copenhagen, Denmark
Morgan Severn, Duke University, USA
Morten Bahrt Haulrig, Herlev and Gentofte Hospital, Denmark
Nicolás Collao, University of Calgary, Canada
Niels Ødum, University of Copenhagen, Denmark
Nikita Koster, Leiden Academic Centre for Drug Research, Netherlands
Nils Erik Samdal, University of Copenhagen, Denmark
Nivedithaa Divakara, University of Western Australia, Australia
Panagiotis Andriopoulos, Karolinska Institutet, Sweden
Paula Penalver Sebastian, Technical University of Denmark, Denmark
Rebecca Lohmann, University of Copenhagen, Denmark
Saptaswa Dey, Medical University of Graz, Austria
Shyami Menaka Kandage, Technical University of Munich - University Hospital, Germany
Simone Stegenborg-Grathwohl, University of Copenhagen, Denmark
Terkild Brink Buus, University of Copenhagen, Denmark
Venla Väänänen, University of Copenhagen, Denmark
Veronika Mraz, University of Copenhagen, Denmark
Wenning Zheng, University of Copenhagen, Denmark
William Agace, University of Copenhagen, Denmark
William Olsen, University of Copenhagen, Denmark
Ziao Zeng, University of Copenhagen, Denmark

Connect on social media

You can add your LinkedIn profiles to your profile on Conference Manager to stay connected with other participants.

You can also follow the LEO Foundation Skin Immunology Research Center on [LinkedIn](#) and [@sic-ucph.bsky.social](#) on Bluesky. Use [#SICSummerSchool](#) to share your experiences from the Summer School.

Contact during the event

Hannah Paludan, +45 51 68 04 39, sic@sund.ku.dk.

