25-27 April 2022
Summer School 2022
Immune Regulation of the Skin

LEO Foundation Skin Immunology Research Center · sic@sund.ku.dk
**Programme** · All sessions are in the 1st floor living room.

**Monday 25 April**  
**The sensing of danger**

Chair: Liv Eidsmo · Co-chair: Chella Vadivel

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>12:00</td>
<td>Arrival and lunch</td>
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<tr>
<td>13:00</td>
<td>Welcome by Executive Director of the LEO Foundation Skin Immunology Research Center, Liv Eidsmo</td>
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<tr>
<td>13:10</td>
<td>Robert Modlin, UCLA: Regulation of danger sensing in the skin</td>
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<td>13:50</td>
<td>Clare Bennett, UCL: Langerhans cells in inflammation</td>
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<td>14:30</td>
<td>Break</td>
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<td>15:00</td>
<td>Nicolas Gaudenzio, INSERM - Toulouse University: Neural regulation of immune responses</td>
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<td>15:40</td>
<td>Mitra Maz, University of Michigan: Understanding UV-induced innate inflammation in lupus-prone murine skin</td>
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<td>15:55</td>
<td>Yasutaka Mitamura, SIAF: Spatial transcriptomics combined with single-cell transcriptomics unravels the complex inflammatory cell network in atopic dermatitis</td>
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<td>16:10</td>
<td>Break</td>
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<tr>
<td>16:40</td>
<td>Ali Azimi, the University of Sydney: Proteomics for the Non-invasive Diagnosis and Molecular Pathway Analysis of Mycosis Fungoides</td>
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<td>16:55</td>
<td>Charlotte Menné Bonefeld, University of Copenhagen: Local memory responses in contact allergy</td>
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<td>18:30</td>
<td>Dinner</td>
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<td>20:15</td>
<td>Poster session</td>
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Tuesday 26 April  
The role of T cells in skin development and inflammation

Chair: Mads Gyrd-Hansen · Co-chair: Elena Hoffer

09:00  Adelheid Elbe-Burger, Medical University of Vienna: Fetal development of the skin immune system

09:40  Immo Prinz, Hannover Medical School: Development and function of IL-17+ γδ T cells

10:20  Break

10:50  Luis F. Santamaria Babí, University of Barcelona: IL-17 and psoriasis

11:30  Agnese Brischetto, University of Barcelona, IDIBAPS: Regulation of innate immunity by ZEB factors in psoriasis

11:45  Evelyn Kelemen, University of Szeged: Psoriasis-associated inflammatory conditions induce IL-23 mRNA expression in normal human epidermal keratinocytes

12:00  Lunch

13:00  Meet the Professor, discussion in small groups – coffee
**Programme** · All sessions are in the 1st floor living room.

**Tuesday 26 April**

**Overreactions in the skin**

Chair: Anders Woetmann · Co-chair: Ekaterina Zhuravleva

14:30  Johann E. Gudjonsson, University of Michigan Medical Center: Mechanisms of skin autoimmunity
15:10  Shoba Amarnath, Newcastle University: Immune tolerance in cutaneous inflammation
15:50  Break
16:20  Beatrice Dyring-Andersen, University of Copenhagen: Proteomics of healthy and psoriatic Skin
17:00  William Crisler, Harvard Medical School: Immunoregulatory pathways are upregulated in T cell mediated rejection of human face transplants
17:20  Benjamin Al, Hannover Medical School: Understanding subclinical inflammation preceding atopic dermatitis relapses
17:30  Karolina Dumycz, University Hospital Bonn: Circulating microRNAs as potential biomarkers of atopic dermatitis severity and phenotype
18:30  Dinner and networking
**Wednesday 27 April**

**Regeneration of the skin**

**Chair:** Carsten Geisler · **Co-chair:** Mia Hamilton Jee

09:00  Raul Ramos, University of California: Stem cell biology of the skin
09:30  Eleri Jones, Queen Mary University London: Investigating the role of the basement membrane in modulating the inflammasome in ageing skin
09:45  Terkild Brink Buus, University of Copenhagen: Subclonal differences in malignant response to S. Aureus super-antigens
10:00  Itziar Martinez Gonzalez, Karolinska Institutet: Unconventional ILC2s in human skin show immunological properties

10:15  Break

10:45  Rune Hartmann, Aarhus University: The cGAS/STING/NF-κB pathway represents an ancient antiviral pathway conserved in all metazoa
11:25  Ning Xu Landén, Karolinska Institute: The role of miRNA in wound healing
12:05  Awards ceremony for best poster and short presentation
12:15  Lunch and departure
**Venue**
The Summer School will be held at atmospheric Hotel Hornbækhus in Hornbæk, Denmark: www.hornbaekhus.com

Accommodation will be provided at Hotel Hornbækhus, Villa Strand and Ewaldsgaarden. Breakfast for all speakers and participants opens at 8:00 at Hotel Hornbækhus.

Keys for hotel rooms will be ready for pick-up at Hotel Hornbækhus on Monday afternoon. Rooms must be left at 10:00 on Wednesday.

**Addresses**
Hotel Hornbækhus
Skovvej 7, 3100 Hornbæk

Villa Strand
Kystvej 12, 3100 Hornbæk

Ewaldsgaarden
Johannes Ewalds Vej 5, 3100 Hornbæk

**Transportation**
Take the train from Copenhagen Airport to Helsingør (Elsinore) Station. The train departs from the airport every 20 minutes.

If you are departing from Copenhagen you can get on the train at Copenhagen Central Station/København H, Nørreport Station or Østerport Station.

At Helsingør Station, take the local train towards Gilleleje and get off at Hornbæk Station. The train departs approx. every 30 minutes.

You can plan your trip and find train departure times at www.journeyplanner.dk
Speakers
Adelheid Elbe-Bürger, Medical University of Vienna
Beatrice Dyring-Andersen, University of Copenhagen
Charlotte Menné Bonefeld, University of Copenhagen
Clare Bennett, UCL
Immo Prinz, University Medical Center Hamburg-Eppendorf
Johann E. Gudjonsson, University of Michigan
Luis F. Santamaria-Babí, University of Barcelona
Nicolas Gaudenzio, Inserm
Ning Xu Landén, Karolinska Institutet
Raul Ramos, University of California, Irvine
Robert Modlin, UCLA
Rune Hartmann, Aarhus University
Shoba Amarnath, Newcastle University

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 stick and to transfer the presentation to the meeting laptop before your current session begins.

Please place your poster on a poster board in the poster area (small dining room and the flower room) upon arrival on Monday and clear away on Wednesday morning. Poster dimensions: Height 138 cm x width 92 cm (max.)

Meet the professor session
Please sign up for a meet the professor session using the link distributed on e-mail.

Connect on social media
You can add your Linkedin and Twitter profiles to the participant list to stay connected with other participants. See the guide distributed on e-mail.

You can also follow the LEO Foundation Skin Immunology Research Center on Linkedin and @skinucph on Twitter. Use #SICSsummerSchool to share your experiences from the Summer School.
Participant list

Agnese Brischetto, University of Barcelona
Albert Duvetorp, Skåne University Hospital
Ali Azimi, University of Sydney
Anders Boutrup Funch, University of Copenhagen
Anders Lykkebo-Valloe, University of Copenhagen
Anders Woetmann, University of Copenhagen
Anna Cláudia Castelo Branco, University of São Paulo
Benjamin Al, Hannover Medical School
Bitten Dalsgaard, University of Copenhagen
Bjørn Kromann Hansen, University of Copenhagen
Carsten Geisler, University of Copenhagen
Charlotte Malassé, University of Copenhagen
Chella Krishna Vadivel, University of Copenhagen
Christina Yndal Erichsen, Herlev and Gentofte Hospital
Matthew Bence
Dorottya Horváth, University of Debrecen
Egon Urgard, Karolinska Institutet
Ekaterina Zhuravleva, University of Copenhagen
Elena Hoffer, Karolinska Institutet
Elina Jones, Queen Mary University of London
Elisa Catafal Tardós, Technical University of Denmark
Emil Pallesen, University of Copenhagen
Emma Taggart, Queen Mary University of London
Evelyn Kelemen, University of Szeged
Farnam Sedeh, Zealand Hospital, University of Copenhagen
Gretel Torres, Dartmouth College
Hanako Koguchi-Yoshikawa, Karolinska Institutet
Helen Vaher, University of Copenhagen
Ian Stoppa, Università del Piemonte Orientale
Ida Blomquist Christensen, University of Copenhagen
Inmaculada Barragan Vazquez, University of Sheffield
Itziar Martínez González, Karolinska Institutet
Julie Friis Weber, University of Copenhagen
Kadri Orro, Tallinn University of Technology
Kapilraj, Periyasamy, University of Tartu
Karolina Dumycz, University Hospital Bonn
Kelvin Yeung, University of Copenhagen
Lars Kruse, LEO Foundation
Laura Mathå, Karolinska Institutet
Line Møller, Herlev and Gentofte Hospital
Lisa Harth, University of Copenhagen
Liv Eidsmo, University of Copenhagen
Lone Skov, Herlev and Gentofte Hospital
Madhulika Pradhan, Chhattisgarh Swami Vivekananda Technical University
Mads Gyrd-Hansen, University of Copenhagen
Maria Danielsen, Aarhus University
Maria Toma, Karolinska Institutet
Maribel Aranda-Guillen, Karolinska Institutet
Marina Ramírez Galera, University of Copenhagen
Marina Torrealba, University of Sao Paulo
Martin Namini, University of Copenhagen
Maureen Tania, Meling Shinshu University
Meret Tuor, University of Zurich
Mia Jee, University of Copenhagen
Michael Wennervaldt, University of Copenhagen
Mitra Maz, University of Michigan
Natalia Pereira, University of Sao Paulo
Nils Ødum, University of Copenhagen
Nils Erik Samdal, University of Copenhagen
Ning Xu Landén, Karolinska Institutet
Paola Lovato, LEO Pharma
Peter Haahr, LEO Foundation
Roberto Ricardo Gonzalez, UCSF
Sarah Hindle, Queen Mary University of London
Shoba Amarnath, Newcastle University
Stephanie Fulaz Silva, University of Copenhagen
Stine Kloppenborg, University of Copenhagen
Terkild Brink, University of Copenhagen
Thomas Litman, University of Copenhagen
Tianqi Zhang, Karolinska Institutet
Trine Schönfeldt, University of Copenhagen
Tu Hu, LEO Pharma
Vilija Oke, Karolinska Institutet
William Crisler, Harvard Medical School
Yasutaka Mitamura, University of Zurich
Yuxuan Deng, University Hospital Bonn
Zsófia Pénzes, University of Debrecen

Photos: Anton Willemann and Hotel Hornbækhus · Design: Kliborg Design