



ICA
Immunity in Cancer & Allergy

PhD program - University of Salzburg

Final ICA Symposium February 2022

Organized by the ICA-faculty
Supported by the Austrian Science Fund "FWF"

2nd - 3rd February 2022

WebEx-Meeting

Wednesday, 2nd February 2022

Join from the meeting link

<https://uni-salzburg.webex.com/uni-salzburg/j.php?MTID=m815eaa59acd2c36cf94d7845acf03a4d>

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Meeting number (access code): 2733 412 9114

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Program

15:00 - 15:40 Welcome

Welcome - Christian Huber and Josef Thalhamer

Welcome - Rectorate

Welcome - Renate Bauer and Constantin Blöchl (student speaker)

Session 1 – Careers after ICA

Chair: Josef Thalhamer & Christian Huber

15:40 - 16:05 ICA Alumni 1

Julia Gutjahr, William Harvey Research Institute, Queen Mary University, Location, London, United Kingdom

Title: The role of the chemokine receptor CXCR4 in erythropoiesis

16:05 - 16:30 ICA Alumni 2

Stefan Kofler, Thermo Fisher Scientific, Austria

Title: A Stefan's tale: There and not back again - How ICA supported my career outside research

16:30 - 16:55 ICA Alumni 3

Tamara Scheidt, Bundesinstitut für Arzneimittel und Medizinprodukte, Bonn, Germany

Title: From Phosphoproteomics and Cancer Research to Drug Regulatory Affairs

16:55 - 17:20 ICA Alumni 4

Yoan Machado, Centre for Blood Research, University of British Columbia, Vancouver, Canada

Title: Mechanistic insights into COVID-19 by global analysis of the SARS-COV-2 3CLpro substrate degradome

17:20 - 17:45 Break

17:45 - 18:45 Opening Keynote Lecture

Prof. Stephen J. Galli

Stanford University, Department of Pathology, Center for Clinical Sciences Research, Stanford, California, USA

Title: Does allergy have a “good side”? : Resistance to diverse venoms and Staphylococcus aureus.

Closing remarks

Thursday, 3rd February 2022

Join from the meeting link

<https://uni-salzburg.webex.com/uni-salzburg/j.php?MTID=ma39e0540bb8d6ea31508676eb17f825b>

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Meeting number (access code): 2733 706 2639

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09:00 - 09:10 Welcome

Welcome - Christian Huber and Josef Thalhamer

Session 2 - Allergy / Bionanointeractions

Chair: Fatima Ferreira & Albert Duschl

09:10 - 10:00 Keynote Lecture

Prof. Rick Maizels

University of Glasgow, Wellcome Centre for Integrative Parasitology, Glasgow, UK

Title: Innate and adaptive immune responses to parasites

10:00 - 10:20 ICA-Student 1

Renate Bauer

The role of NLRs in type 2 inflammation

Supervision: Jutta Horejs-Höck & Fatima Ferreira-Briza

10:20 - 10:40 ICA-Student 2

Litty Johnson

Understanding the stages of immune modulation by silica nanoparticle-allergen conjugates

Supervision: Albert Duschl & Martin Himly

10:40 - 11:00 ICA-Student 3

Lisa Pointner

The pollen matrix shapes the inflammatory micromilieu and immune responses to allergens

Supervision: Fatima Ferreira-Briza & Jutta Horejs-Höck

11:00 - 11:30 Break

Session 3 - Bioanalytics / Structural Biology

Chair: Hans Brandstetter & Christof Regl

11:30 - 12:20 Keynote Lecture

Prof. Albert J. R. Heck

University of Utrecht, Biomolecular Mass Spectrometry and Proteomics, Bijvoet Center for Biomolecular Research, Utrecht, The Netherlands

Title: Sizing and counting AAV particles by high-resolution native mass spectrometry and single molecule charge detection mass spectrometry

12:20 - 12:40 ICA-Student 4

Fiammetta Di Marco

Unraveling the complexity of glycoprotein therapeutics by hybrid mass spectrometry integrated with bioinformatics

Supervision: Christian Huber & Therese Wohlschlager

12:40 - 13:00 ICA-Student 5

Christoph Holzner

Production of Neurotrophins

Supervision: Hans Brandstetter & Elfriede Dall

13:00 - 13:20 ICA-Student 6

Constantin Blöchl

Inhibition of Oncogenic Pathways in Acute Myeloid Leukemia Portrayed by Multi-level Proteomics

Supervision: Christian Huber & Fritz Aberger

13:20 - 14:30 Lunch Break

Session 4 - Tumor Biology

Chair: Jutta Horejs-Höck & Fritz Aberger

14:30 - 15:20 Keynote Lecture

Dr. Anika Böttcher

Helmholtz Zentrum München, German Research Center for Environmental Health, Neuherberg, Germany

Title: New insights into the regulation of stem cell fate decisions in the intestine.

15:20 - 15:40 ICA-Student 7

Michela Luciano

Role of NLRP3/eIF2alpha phosphorylation in Acute Myeloid Leukemia

Supervision: Jutta Horejs-Höck & Fritz Aberger

15:40 - 16:00 ICA-Student 8

Thomas Parigger

Evidence for non-cancer-specific T cell exhaustion in the Tc11 mouse model for CLL

Supervision: Richard Greil & Nadja Zaborsky

16:00 - 16:20 ICA-Student 9

Georg Stockmaier

Crosstalk of Hedgehog & Hippo Signaling in Basal Cell Carcinoma

Supervision: Fritz Aberger & Jutta Horejs-Höck

16:20 - 16:45 Break

Session 5 - Tissue Immunity and Micromilieu

Chair: Iris Gratz & Silja Wessler

16:45 - 17:05 ICA-Student 10

Melanie Jensen

HDAC1 as Regulator of T Cell Differentiation and Function

Supervision: Iris Gratz & Jutta Horejs-Höck

17:05 - 17:25 ICA-Student 11

Sebastian Diechler

Functional analysis of CagA in Helicobacter pylori infected immune cells

Supervision: Silja Weßler & Gernot Posselt

17:25 - 17:30 Break

17:30 - 18:30 Keynote Lecture

Prof. Michael Rosenblum

University of California San Francisco, School of Medicine, San Francisco, California, USA

Title: Establishment of an Immune Cell Niche in Skin

End of the Symposium