WINNERS OF THE AWARDS

FOR ORAL LECTURES AND POSTER PRESENTATIONS AT THE ÖGDV SCIENCE DAYS 2024 IN BAD GASTEIN

The ÖGDV is delighted to congratulate the award winners!

Best Oral Lectures

Lena Artner-Gent

Lena Artner-Gent is a PhD student at the Medical University of Vienna in the laboratory of Maria Sibilia. In her master's studies, as research fellow in the laboratory of Richard Flavell at the Yale School of Medicine, she became interested in the intricate interplay between the innate immune system of host barrier sites and the microbiome. She now explores this topic further in her PhD work in a conjunct project with the Bauer Lab at the Center for Cancer Research, investigating how the Epidermal Growth Factor Receptor (EGFR) shapes the homeostatic barrier functions and anti-microbial defense.

The hair canal serves as an EGFR-regulated antimicrobial gatekeeper

Lena Artner-Gent[1], Regina Jin[1], Karoline Strobl[1], Dana Krauß[1], Joana Séneca[2], Petra Pjevac[2], David Berry[2], Jessica Brösamlen[3], David Berry[2], Jörg Klufa[1], Thomas Bauer[1], Maria Sibilia[1]

[1]Center for Cancer Research, Medical University of Vienna, Austria, [2]Joint Microbiome Facility, University of Vienna, Austria, [3]Department of Medicine I, Medical University of Vienna, Austria

Sabina Gansberger

Sabina Gansberger is a PhD student in the Department of Dermatology at the Medical University of Vienna, working in the laboratory of Johannes Griss. She holds a Master's Degree in Comparative Biomedicine and a second Master's Degree in Bio Data Science, providing her with expertise in both wet lab research, as well as bioinformatics. She utilized opportunities during her studies for research stays in Sweden and the UK. In her PhD project, she focuses on the analysis of single-cell RNA sequence data from various chronic inflammatory skin diseases and cutaneous B cell lymphoma and has a primary interest in exploring the role of B cells in different contexts.

Single-cell RNA sequencing characterization of primary cutaneous B cell lymphoma reveals distinct entities

Sabina Gansberger[1], Inigo Oyarzun[1], Wolfgang Weninger[1], Werner Dolak[1], Matthias Farlik[1], Constanze Jonak[1], Patrick Brunner[1,2], Johannes Griss[1]

[1]Department of Dermatology, Medical University of Vienna, Vienna, Austria, [2]Department of Dermatology, Icahn School of Medicine at Mount Sinai, USA
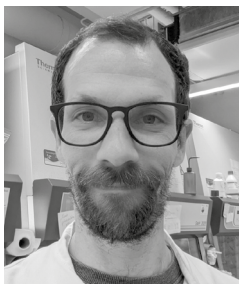
Johannes Bischof

Johannes Bischof is a postdoctoral researcher at the EB House Salzburg in the laboratory of Johann Bauer. In his PhD project at the Paris Lodron University of Salzburg, he investigated the role of calcium in skin and skin aging together with Klaus Richter. Since 2018, he has been working on CRISPR/Cas9-based gene editing to help epidermolysis bullosa patients in the working group Koller at the EB House in Salzburg. His current research focuses on traceless and safe corrections of mutations underlying recessive epidermolysis bullosa via Prime Editing.

Efficient COL7A1 repair via prime editing in recessive dystrophic epidermolysis bullosa

Johannes Bischof[1], Thomas Kocher[1], Luciana Lopes Pedroso[1], Bernadette Liemberger[1], Stefan Hainzl[1], Markus Hierl[1], Nicole Maeding[2], Dirk Strunk[2], Christina Guttmann-Gruber[1], Josefina Piñón Hofbauer[1], Verena Wally[1], Johann Wolfgang Bauer[3], Ulrich Koller[1]

[1]EB House, Salzburg, Austria, [2]Cell Therapy Institute, SCI-TReCS, Salzburg, Austria, [3]Department of Dermatology and Allergology, University Hospital of the Paracelsus Medical University, Salzburg, Austria

Best Poster Presentations

Sonja Dorfer

Sonja Dorfer is a postdoctoral researcher in the group of Verena Wally at the University Hospital for Dermatology and Allergology and EB House Austria in Salzburg. Her current research focuses on evaluating the potential of novel anti-cancer drugs for patients with recessive dystrophic epidermolysis bullosa (RDEB), identified by a transcriptome-guided drug repurposing approach. For this project, she has received an ESPRIT grant from the Austrian Science Fund (FWF). Her academic journey in Dermatology began as a PhD student at the Department of Dermatology, Medical University of Vienna, where she investigated the role of papillomavirus infection in skin carcinogenesis.

Selumetinib, identified by transcriptome-guided drug repurposing, with anti-tumor potency against highly aggressive RDEB-SCCs

Sonja Dorfer[1], Roland Zauner[1], Victoria Reichl[1], Christina Guttmann-Gruber[1], Michael Ablinger[1], Julia Illmer[1], Stefanie Gruner[1], Monika Wimmer[1], Josefina Piñón Hofbauer[1], Johann Wolfgang Bauer[1,2], Verena Wally[1]

[1]EB House Austria, Research Program for Molecular Therapy of Genodermatoses, Department of Dermatology and Allergology, University Hospital of the Paracelsus Medical University, Salzburg, Austria, [2]Department of Dermatology and Allergology, University Hospital of the Paracelsus Medical University, Salzburg, Austria

Helene Dworak

Helene Dworak is a PhD student at the LBG Research Group Senescence and Healing of Wounds, specializing in wound healing of skin. She is conducting her research at the Ludwig Boltzmann Institute for Traumatology in Vienna, Austria. With her background in chemistry and microbiology, Helene brings a unique perspective to the interdisciplinary work ongoing at the institute. Her current doctoral research delves into the rapid-onset signaling pathways leading from wounding to healing and focuses on the application of a newly found histological marker which spatiotemporally delineates the wounding response upon injury.

The p-rpS6-zone delineates wounding responses and the healing process

Helene Dworak[1,2,3], Nadja Ring[1,2,3], Heinz Redl[1,2,3], Mikolaj Ogrodnik[1,2,3]

[1]LBG Senescence and Healing of Wounds, Vienna, Austria, [2]LBI Traumatology, Vienna, Austria, [3]Austrian Cluster for Tissue Regeneration, Vienna, Austria

Natalia Krajic

Natalia Krajic currently is pursuing her master's degree at the Medical University of Vienna within the Molecular Precision Medicine program. For her master thesis work, she joined the laboratory of Beate Maria Lichtenberger, where she focuses her research on dissecting the role of dermal cancer-associated fibroblast subsets which have been described by the laboratory group.

Dissecting the role of cancer-associated fibroblasts and extracellular matrix dynamics in skin cancer

Natalia Krajic[1], Bertram Aschenbrenner[1], Agnes Forsthuber[1], Daria Kholodnuik[1], Kim Purkhauser[1], Shaohua Zhu[1], Beate Lichtenberger[1]

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