



SCIENTIFIC PROGRAMME

(as of 2 April, 2024)

9th SCIENCE DAYS dedicated to Dermatology Research in Austria

April 04-06, 2024
MONDI Hotel Bellevue, Bad Gastein, Austria

ÖGDV
AUSTRIAN SOCIETY OF DERMATOLOGY AND VENEREOLOGY

ÖGDV Science Days organizing committee:

Stefan Blunder (Innsbruck)
Johanna Strobl (Wien)
Josefina Pinon Hofbauer (Salzburg)
Nicole Golob-Schwarzl (Graz)
Susanne Kimeswenger (Linz)





Thursday, April 4, 2024

Arrival and poster set up

13:00-15:00 WORKSHOP: Dermatology goes digital

Dermatopathology

Philipp Tschandl (Vienna)

Possibilities of KI-supported dermatology using the example of skin cancer prevention – risks and opportunities

Teresa Kränke (Graz)

15:00 – 15:45 Get Together

15:45-16:00 Welcome & Introduction by Organizing Committee

Stefan Blunder (Innsbruck), Johanna Strobl (Wien), Josefina Pinon Hofbauer (Salzburg), Nicole Golob-Schwarzl (Graz), Susanne Kimeswenger (Linz)

16:00-16:30 Skin

Introduction to the ÖGDV Journal

Peter Wolf (Graz), Johann Bauer (Salzburg)

16:30-17:45 Opening

Impulse talk: The era of big data – risks and chances

Stephanie Eyerich (Munich, Germany)

Industry talk

Lilly Talk: AI in research and development: hype vs. reality

Alexander Schacht (Sanevidence, Germany)



17:45 -19:15 Session 1

Discussion leaders: Natalie Bordag, Klaudia Schlossleitner

17:45 – 18:30 **CAF variants control the tumor-immune microenvironment and predict skin cancer malignancy**

Beate Lichtenberger (Vienna)

18:30 – 18:45 A novel xenografting mouse model to study human cutaneous $\gamma\delta$ T cells in health and disease

Iris Gratz (Salzburg)



18:45 – 19:00 Cancer-associated fibroblasts shape myeloid cell response to chemotherapy- induced immunogenic signals in primary complexed tumor organoid culture
Anna Kusienicka (Vienna)

19:00 – 19:15 The role of tissue-resident memory T cells in anticancer skin defenses of organ transplant recipients
Simona Saluzzo (Vienna)

19:15 – 19:30 Pitch your poster 1

P 15 Psoriasis Phototherapy Treatment Adherence: Exploring the Role of Disease Severity and Treatment Alternatives
Natalie Bordag (Graz)

P 27 Deciphering the Role of Immunogenic Cell Death in Extracorporeal Photopheresis
Marlene Brandner (Klam)

P 29 Exploring the impact of metabolic inhibitors in melanoma in vitro
Philip Perner (Salzburg)

P 30 Visual explainability of 250 skin diseases viewed through the eyes of an AI-based, self-supervised Vision Transformer – a clinical perspective
Ramy Abdel Mawgoud (Vienna)

P 31 Easy access to curated public datasets via ReactomeGSA
Alexander Grentner (Vienna)

19:30 – 21:00 Dinner & Poster viewing

Friday, April 5, 2024

09:00 – 10:30 Session 2

Discussion leaders: Johannes Griss, Roland Lang

9:00 – 09:45 **Fighting with the neighbours: how cell competition shapes mosaic tissue dynamics in skin development and homeostasis**
Stephanie Ellis (Vienna)

9:45 – 10:00 The hair canal serves as an EGFR-regulated antimicrobial gatekeeper
Lena Artner-Gent (Vienna)

10:00 – 10:15 The impact of ER stress on gamma delta T cells in the tumor microenvironment
Giorgia Nasi (Salzburg)



10:15 – 10:30 The role of a specific S100a8/a9 positive macrophage subset in murine skin aging
Melanie Salek (Vienna)

10:30 – 10:45 Pitch your poster 2

P 16 The p-rpS6-zone delineates wounding responses and the healing process
Helene Dworak (Vienna)

P 42 Vitiligo Prevalence Study: a Case Study of Investigation Samples over 42 Thousand
Jane Jingyi Lu (Vienna)

P 35 Untargeted plasma and serum metabolomics of dupilumab-associated conjunctivitis in atopic dermatitis patients
Natalie Bordag (Graz)

P 38 Teledermatology in Styria: A Practical Triage System Bridging the Gap in Rural healthcare
Natalie Bordag (Graz)

10:45 – 11:15 Coffee break

11:15 – 12:45 Session 3

Discussion leaders: Aglaia Kopf, Roland Zauner

11:15 – 12:00 **Mechanical regulation of cell fate**
Sara Wickström (Muenster, Germany)

12:00 – 12:15 Investigating the role of the extracellular matrix to induce “pioneer melanoma cells”
Pauline Weinzettl (Vienna)

12:00 – 12:15 *Borrelia burgdorferi* spirochetes contribute to vascular dysfunction and neurogenic inflammation in Erythema migrans.
Johanna Strobl (Vienna)

12:15 – 12:30 Melatonin significantly regulates arylhydrocarbon receptor and downstream signaling molecules with consecutive impact on UVR-induced inflammation, skin aging and carcinogenesis
Katharina Pustelnik (Vienna)

12:45 – 16:00 Lunch & Poster viewing



16:00 – 17:45 Session 4

Discussion leaders: Tobias Fischer, Christoph Tripp

- 16:00 – 16:45 **Sarcoidosis - better understanding translates to new treatment choices**
Georg Stary (Vienna)
- 16:45 – 17:00 IFNAR-JAK-STAT Signaling Induces Melanoma Cell-Intrinsic PD-1 and its Blockade Disrupts Immune Checkpoint Inhibitor Efficacy
Julia Holzgruber (Linz)
- 17:00 – 17:15 Targeting the hyperactive STAT3/5 Pathway in Cutaneous T-Cell Lymphoma: superior efficacy of multi-kinase inhibitor IQDMA over conventional PUVA therapy
Saptaswa Dey (Graz)
- 17:15 – 17:30 Targeted impacts of JAK-inhibitors during a multifaceted skin inflammation
Regina Jin (Vienna)
- 17:30 – 17:45 A novel human 3D organotypic skin model to study differentiation of human cutaneous T cells.
Suraj Varkhande (Salzburg)

19:00 *Dinner at Alm*

Saturday, April 6, 2024

09:00 – 10:30 Session 5

Discussion leaders: Sabine Altrichter, Peter Wolf

- 9:00 – 09:45 **Challenging Paradigms**
Christian Posch (Vienna)
- 9:45 – 10:00 Phenotyping of immune and non-immune cells in cutaneous sarcoidosis compared to homeostatic conditions and after mTOR inhibition
Carolina Mayerhofer (Vienna)
- 10:00 – 10:15 Diverse virus-specific tissue-resident T cells are detected in the oral mucosa of healthy volunteers
Florian Winkler (Vienna)
- 10:15 – 10:30 Single-cell RNA sequencing characterization of primary cutaneous B cell lymphoma reveals distinct entities
Sabina Gansberger (Weinburg)



10:30 – 12:00 Session 6

Discussion leaders: Sandrine Dubrac, Monika Ettinger

10:30 – 11:15 **CYLD cutaneous syndrome: genotype -phenotype analyses and in vitro functional studies**

Marta Szell (Szeged, Hungary)

11:15 – 11:30 A patient-derived xenograft model to validate ex vivo and in vivo gene editing in epidermolysis bullosa

Thomas Kocher (Salzburg)

11:30 – 11:45 Efficient COL7A1 repair via prime editing in recessive dystrophic epidermolysis bullosa

Johannes Bischof (Salzburg)

11:45 – 12:00 Primary cutaneous follicle center lymphoma spans yet unrecognized subtypes including polyclonal reactions

Inigo Oyarzun (Vienna)

12:00

Prizes and closing remarks

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