ÖGDV
AUSTRIAN SOCIETY OF DERMATOLOGY AND VENEREOLOGY

5th SCIENCE DAYS
dedicated to Dermatology Research in Austria

January 16-18, 2020 / Mondsee
Schloßhotel Mondsee

FINAL PROGRAMME

Scientific Organising Committee
Patrick Brunner (Wien), Wolfram Hötzenecker (Linz), Verena Moosbrugger-Martinz (Innsbruck), Pablo Vieyra Garcia (Graz), Verena Wally (Salzburg)
**Scientific Program**

**Thursday, January 16, 2020**

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| 15:00 - 17:00 | Arrival and poster set up  
(Registration material available at hotel reception) |
| 16:30 – 17:00 | Get Together                                                                 |
| 17:00-18:00 | Opening                                                                                  |

**Welcome and Introduction by the Organizing Committee**

**Impulse talk:** My first grant application - FWF funding opportunities  
Eva Wysocki / Nina Thormann (FWF Austrian Science Fund)

**Research Support Opportunities in Pharma Industry**  
Susanne Grond (Eli Lilly)

**Panel Discussion:** Funding opportunities – public vs. private sector  
Wolfgang Weninger, Matthias Schmuth, Patrizia Stoitzner, Susanne Grond, Eva Wysocki, Nina Thormann

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<td>18:00 - 19:30</td>
<td>Virology</td>
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**Discussion leader: Sandrine Dubrac**

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| 18:00 – 18:45 | Role of the mycobiome in inflammatory skin disorders  
Florian Sparber (Zürich) |
| 18:45 – 19:00 | Selected talk 1  
Effects of topical application of cis-urocanic acid on skin microbiome and  
immune response  
Vijay Kumar Patra (Graz) |
| 19:00 – 19:15 | Selected talk 2  
Single-cell RNA-seq combined with interstitial fluid proteomics defines  
cell-type-specific immune gene regulation in atopic dermatitis  
Thomas-Benedikt Rojahn (Wien) |
| 19:15 – 19:30 | Selected talk 3  
AppleCare - clinical efficiency of allergy treatment with apples  
Bettina Nothegger (Innsbruck) |
| 20:00-22:00 | Dinner buffet and poster viewing                                                             |
Friday, January 17, 2020

08:30 – 10:00  Melanoma 1

Discussion leader: Emmanuella Guenova

08:30 – 09:15  Mechanisms of checkpoint inhibitor mediated skin toxicity
Lukas Flatz (St. Gallen/Zürich)

09:15 – 09:30  Selected talk 4
Peptides from allergenic lipocalins bind to Formyl-Peptide-Receptor 3 in human dendritic cells to mediate Th2 immunity
Dominik Klaver (Innsbruck)

09:30 – 09:45  Selected talk 5
A liposomal formulation to transfect biomolecules into cells and tissue
Theresa Palmetzhofer (Salzburg)

09:45 – 10:00  Selected talk 6
In vitro generated moLCs for testing Langerin-ligand coated nanoparticles for vaccination
Patrizia Stoitzner (Innsbruck)

10:00 – 10:30  Coffee break

10:00 – 11:45  Melanoma 2

Discussion leader: Georg Stary

10:00 – 10:45  Detection, characterization and clinical relevance of circulating tumor cells
Sabine Riethdorf (Hamburg)

10:45 – 11:00  Selected talk 7
Cingulin can protect vascular barrier function
Silvio Holzner (Wien)

11:00 – 11:15  Selected talk 8
Therapeutic window of targeting STATS in CTCL
Dey Saptaswa (Graz)

11:15 – 11:30  Selected talk 9
The difference between neural networks and pathologists in the diagnosis of basal cell carcinomas
Susanne Kimeswenger (Linz)

11:30 – 11:45  Selected talk 10
Combination therapies to improve DC-based treatment of melanoma
Athanasios Seretis (Innsbruck)
11:45 – 15:30  Poster viewing

15:30 – 19:30  Immunology 1

Discussion leaders: Tobias Fischer, Verena Paulitschke

15:30 – 16:15  Current and future perspectives of circulating tumor DNA
Ellen Heitzer (Graz)

16:15 – 16:30  Selected talk 11
Differential regulation of miR-200b in RDEB-SCC
Julia Illmer (Salzburg)

16:30 – 16:45  Selected talk 12
Cyclosporin A promotes Mus musculus papillomavirus 1 (MmuPV1) induced skin carcinogenesis
Sonja Dorfer (Wien)

16:45 – 17:00  Selected talk 13
What is the impact of NK cells during early photocarcinogenesis induced by UVB?
Daniela Ortner-Tobider (Innsbruck)

17:00 – 17:30  Coffee break

Discussion leader: Franz Trautinger

17:30 – 18:15  Heterogeneity of the cutaneous mononuclear phagocyte compartment:
From Phenotype to Functions
Sandrine Henri (Marseille)

18:15 – 18:30  Selected talk 14
3-MA reduces IFN-γ-induced secretion of CXCL10 in keratinocytes via inhibiting the JAK-STAT signaling pathway
Yiwen Yang (Wien)

18:30 – 18:45  Selected talk 15
Development of a gene therapy approach for epidermolytic palmoplantar keratoderma
Thomas Trafoier (Innsbruck)

18:45 – 19:00  Selected talk 16
Mast cells as the major source of IL-17A in psoriasis persist in clinically resolved lesions
Theresa Benezeder (Graz)

19:30 – 22:00  Scientific networking evening
Saturday, January 18, 2020

08:30 – 10:00  Clinical session

Discussion leader: Peter Wolf

8:30 – 09:15 Identification of a novel macrophage precursor in adult bone marrow
Wolfgang Weninger (Wien)

9:15 – 9:30 Selected talk 17
The skin and gut microbiome in allogeneic hematopoietic stem cell transplantation
Nadine Bayer (Wien)

9:30 – 09:45 Selected talk 18
Murine epidermal Langerhans cells, but not dermal dendritic cells express RTN1A
Anna Cichon Malgorzata (Wien)

9:45 – 10:00 Selected talk 19
Innate lymphoid cells (ILCs) in healthy and atopic blood
Natalia Alkon (Wien)

10:00 – 11:00 Speed Talks

Discussion leader: Christine Prodinge

Eukaryotic Translation Initiation Factors (eIFs) as Potential Targets in Psoriasis: Results of the Imiquimod (IMQ) Model
Nicole Golob-Schwarzl (Graz)

Inhibitory Effects of Baricitinib on a Human Skin Model of Atopic Dermatitis
Michaela Müller

Single-cell RNA sequencing dissects skin fibroblast heterogeneity and plasticity in human skin cancers
Agnes Forsthuber (Wien)

Targeting mitochondrial metabolism in melanoma
Sepideh Aminzadeh-Gohari (Salzburg)

A non-viral in vivo RNA therapy approach for dystrophic epidermolysis bullosa
Bernadette Liemberger (Salzburg)
Automated immuno-histo-enzymatic investigation of metabolic enzyme activity and spatial allocation of UVB-pretreated normal human keratinocytes in epidermal skin equivalents
Christopher Kremslehner (Wien)

Investigating the contribution of Staphylococcus aureus infection to squamous cell carcinoma development in the context of the rare genetic skin disorder epidermolysis bullosa
Birgit Tockner (Salzburg)

Activation of the mTOR pathway in macrophages of cutaneous sarcoidosis
Anna Redl (Wien)

Paired nickase-mediated correction of junctional epidermolysis bullosa via COL17A1 reframing
Johannes Bischof (Salzburg)

Effects of octenidine dihydrochloride in wounded human skin: a proteomic approach
Saskia Seiser (Wien)

11:00 – 11:30  Coffee break

11:30 – 13:00  Immunology 2

**Discussion leader: Julia Reichelt**

11:30 – 12:15  Fibroblast heterogeneity and plasticity in skin physiology and pathology
Beate Lichtenberger (Wien)

12:15 – 12:30  Selected talk 20
The novel whey acidic protein WFDC12 and its contribution to skin homeostasis
Polina Kalinina (Wien)

12:30 – 12:45  Selected talk 21
Single cell RNA sequencing identifies specific cell populations and altered gene expression in human scar tissue
Dragan Copic (Wien)

12:45 – 13:00  Selected talk 22
Expression of Eukaryotic Initiation Factors in Lesional Skin of Psoriasis Patients
Johannes Pilic (Graz)

13:00  Prizes and closing remarks
### Poster Overview

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**GENERAL INFORMATION**

### Venue

**Schlosshotel Mondsee**  
Schlosshof 1a,  
5310 Mondsee  
Austria  
[www.schlossmondsee.at](http://www.schlossmondsee.at)

The ÖGDV-Science Days will take place at Schlosshotel Mondsee. This location was selected to allow investigators from all parts of Austria to conveniently attend.

In case there are any questions regarding the venue or your hotel room, please contact Artur Freilinger ([freilinger@mondial-congress.com](mailto:freilinger@mondial-congress.com)).

### Travel Information

**By car:**

*Coming from Vienna:*
A1 “Westautobahn” motorway direction Linz – take exit 264 towards Mondsee.

*Coming from Salzburg:*
A1 "Westautobahn" motorway in direction of Vienna - take exit 264 towards Mondsee.

**Be Careful:** Due to construction works, the regular way to the hotel is blocked. For further information, please visit the hotel website with a short instructional video about how to get to the hotel from the motorway. [https://www.schlossmondsee.at/en/contact/](https://www.schlossmondsee.at/en/contact/)

**By Bus:**

Mondsee is reachable by bus from Salzburg at regular intervals.

### DFP Accreditation

The ÖGDV Science Days (ID 671383) is accredited by the Austrian Medical Chamber: 24 DFP credit points
Thank you for your participation!