



ÖSTERREICHISCHE GESELLSCHAFT
FÜR DERMATOLOGIE UND VENEROLOGIE
AUSTRIAN SOCIETY OF
DERMATOLOGY AND VENEREOLOGY

Forschungstage (Science Days) 2020

January 16-18, 2020

Schlosshotel Mondsee | Mondsee, Salzburg

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

Scientific Program

Thursday, January 16, 2020

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*

18:00 -19:30 **Virology**

Discussion leader: Sandrine Dubrac

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

8:30 – 09:15 **Mechanisms of checkpoint inhibitor mediated skin toxicity**

Lukas Flatz (St. Gallen/Zürich)

9:15 – 9:30 **Selected talk 4**

Peptides from allergenic lipocalins bind to Formyl-Peptide-Receptor 3 in human dendritic cells to mediate Th2 immunity

Dominik Klaver (Innsbruck)

9:30 – 9:45 **Selected talk 5**

A liposomal formulation to transfect biomolecules into cells and tissue

Theresa Palmetzhofer (Salzburg)

9:45 – 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 STAT5 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)

SCIENTIFIC PROGRAM

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

SCIENTIFIC PROGRAM

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 – 9:45 **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 Proding

- 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)

SCIENTIFIC PROGRAM

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

Poster Overview

Alkon	Natalia	Innate lymphoid cells (ILCs) in healthy and atopic blood
Aminzadeh-Gohari	Sepideh	Targeting mitochondrial metabolism in melanoma
Bayer	Nadine	The skin and gut microbiome in allogeneic hematopoietic stem cell transplantation
Benezeder	Theresa	Mast cells as the major source of IL-17A in psoriasis persist in clinically resolved lesions
Bischof	Johannes	Paired nickase-mediated correction of junctional epidermolysis bullosa via COL17A1 reframing
Cichon	Malgorzata Anna	Murine epidermal Langerhans cells, but not dermal dendritic cells express RTN1A
Copic	Dragan	Single cell RNA sequencing identifies specific cell populations and altered gene expression in human scar tissue
Dorfer	Sonja	Cyclosporin A promotes Mus musculus papillomavirus 1 (MmuPV1) induced skin carcinogenesis
Forsthuber	Agnes	Single-cell RNA sequencing dissects skin fibroblast heterogeneity and plasticity in human skin
Golob-Schwarzl	Nicole	Cancers Eukaryotic Translation Initiation Factors (eIFs) as Potential Targets in Psoriasis: Results of the Imiquimod (IMQ) Model
Holzner	Silvio	Cingulin can protect vascular barrier function
Illmer	Julia	Differential regulation of miR-200b in RDEB-SCC
Kalinina	Polina	The novel whey acidic protein WFDC12 and its contribution to skin homeostasis
Kimeswenger	Susanne	The difference between neural networks and pathologists in the diagnosis of basal cell carcinomas
Klaver	Dominik	Peptides from allergenic lipocalins bind to Formyl-Peptide-Receptor 3 in human dendritic cells to mediate Th2 immunity
Kremslehner	Christopher	Automated immuno-histo-enzymatic investigation of metabolic enzyme activity and spatial allocation of UVB-pretreated normal human keratinocytes in epidermal skin equivalents
Liemberger	Bernadette	A non-viral in vivo RNA therapy approach for dystrophic epidermolysis bullosa
Mueller	Michaela	Inhibitory Effects of Baricitinib on a Human Skin Model of Atopic Dermatitis
Nothegger	Bettina	APPLECARE - CLINICAL EFFICIENCY OF ALLERGY TREATMENT WITH APPLES
Ortner-Tobider	Daniela	What is the impact of NK cells during early photocarcinogenesis induced by UVB?
Palmetzhofer	Theresa	A liposomal formulation to transfect biomolecules into cells and tissue
Patra	VijayKumar	Effects of topical application of cis-urocanic acid on skin microbiome and immune response
Pilic	Johannes	Expression of Eukaryotic Initiation Factors in Lesional Skin of Psoriasis Patients

POSTER OVERVIEW

Redl	Anna	Activation of the mTOR pathway in macrophages of cutaneous sarcoidosis
Rojahn	Thomas-Benedikt	Single-cell RNA-seq combined with interstitial fluid proteomics defines celltype-specific immune gene regulation in atopic dermatitis
Saptaswa	Dey	Therapeutic window of targeting STAT5 in CTCL
Seiser	Saskia	Effects of octenidine dihydrochloride in wounded human skin: a proteomic approach
Seretis	Athanasios	Combination therapies to improve DC-based treatment of melanoma
Stoitzner	Patrizia	In vitro generated moLCs for testing Langerin-ligand coated nanoparticles for vaccination
Tockner	Birgit	Investigating the contribution of Staphylococcus aureus infection to squamous cell carcinoma development in the context of the rare genetic skin disorder epidermolysis bullosa
Trafoier	Thomas	Developing of a gene therapy approach for epidermolytic palmoplantar keratoderma
Yang	Yiwen	3-MA reduces IFN- γ -induced secretion of CXCL10 in keratinocytes via inhibiting the JAK-STAT signaling pathway

GENERAL INFORMATION

Venue

Schlosshotel Mondsee

Schlosshof 1a,
5310 Mondsee
Austria

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).

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 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/>

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



ÖSTERREICHISCHE GESELLSCHAFT
FÜR DERMATOLOGIE UND VENEROLOGIE
AUSTRIAN SOCIETY OF
DERMATOLOGY AND VENEREOLOGY

Forschungstage (Science Days) 2020

January 16-18, 2020

Schlosshotel Mondsee | Mondsee, Salzburg

Main Sponsor

Co-Sponsors

Wir denken weiter.



ÖSTERREICHISCHE GESELLSCHAFT
FÜR DERMATOLOGIE UND VENEROLOGIE
AUSTRIAN SOCIETY OF
DERMATOLOGY AND VENEREOLOGY

Forschungstage (Science Days) 2020

January 16-18, 2020

Schlosshotel Mondsee | Mondsee, Salzburg

Thank you for your participation!

Mondial Congress & Events
Operngasse 20b
1040 Vienna, Austria
Tel: +43 1 58804