



ÖSTERREICHISCHE GESELLSCHAFT  
FÜR DERMATOLOGIE UND VENEROLOGIE

AUSTRIAN SOCIETY OF  
DERMATOLOGY AND VENEREOLOGY

# FORSCHUNGSTAGE (SCIENCE DAYS) 2019

January 10-12  
Hotel Landauerhof  
Schladming-Rohrmoos  
[www.oegdv.at](http://www.oegdv.at)

## ÖGDV

AUSTRIAN SOCIETY OF DERMATOLOGY AND VENEREOLOGY

### 4<sup>th</sup> SCIENCE DAYS

**dedicated to Dermatology Research in Austria**

January 10-12, 2019 / Schladming-Rohrmoos  
Hotel Landauerhof

## FINAL PROGRAMME

### Scientific Organising Committee

Wolfram Hötzenecker (Linz), Verena Paulitschke (Wien), Christine Prodingner (Salzburg), Verena Moosbrugger-Martinz (Innsbruck), Georg Stary (Wien)



**SCIENTIFIC PROGRAMME  
4<sup>TH</sup> SCIENCE DAYS 2019**

**Thursday, January 10, 2019**

15:00 - 17:00 Arrival and poster set up  
(registration material available at hotel reception)

**17:00 – 18:00 Opening**

Welcome and introduction by the Organizing Committee

**Impulse talk:** **Dealing with intellectual property in academia**  
*Claudia Ernst-Ballaun (Medical University of Vienna)*

**Intellectual property and patenting in industry**  
*Ana Suarez-Miles (Eli Lilly)*

**Panel Discussion:** **Intellectual property vs. open source**  
*Claudia Ernst-Ballaun, Ana Suarez-Miles, Adelheid Elbe-Bürger,  
Nikolaus Romani, Wolfgang P. Weninger*

**18:00 -19:30 Digital Medicine**

**Discussion leaders:** Adelheid Elbe-Bürger, Harald Kittler

18:00 – 18:45 **Cutaneous mosaicism - between Mendelian and Cancer genetics**  
*Veronika Kinsler (London)*

18:45 – 19:00 **Domain-specific Classification-Pretrained Fully Convolutional Network Encoders for Skin Lesion Segmentation**  
*Philipp Tschandl (Vienna)*

19:00 – 19:15 **Highly efficient, specific and safe CRISPR/Cas9-mediated correction of junctional epidermolysis bullosa**  
*Oliver March (Salzburg)*

19:15 – 19:30 **The genetic landscape of the healthy human skin**  
*Michael Mildner (Vienna)*

20:00-22:00 Dinner buffet and poster viewing



## Friday, January 11, 2019

### 08:30 – 10:00 Melanoma

**Discussion leaders:** Christoph Tripp, Peter Kölblinger

08:30 – 09:15 **Finding disease-associated cell subpopulations with high dimensional single-cell data**

*Manfred Claassen (Zürich)*

09:15 – 09:30 **Inhibition of p38 re-expresses E-Cadherin and prevents vascular invasion in melanoma**

*Judith Wenzina (Vienna)*

09:30 – 09:45 **Ketogenic diet as an adjuvant therapy for melanoma**

*Daniela Weber (Salzburg)*

09:45 – 10:00 **Serum proteomics for the identification of signatures to predict therapeutic response to anti-PD1 immunotherapy in melanoma**

*Nina Zila (Vienna)*

### 10:00 – 10:30 Coffee break

### 10:30 – 12:00 Drug Development

**Discussion leaders:** Manfred Claassen, Patra VijayKumar

10:30 – 11:15 **Integrated NGS technologies reveal an intra-lesional differentiation trajectory in Langerhans cell histiocytosis**

*Matthias Farlik- Födinger (Vienna)*

11:15 – 11:30 **Thermostabilization of a broad-spectrum HPV vaccine candidate**

*Bettina Huber (Vienna)*

11:30 – 11:45 **Automated immuno-histo-enzymatic investigation of measurable metabolic enzyme activity in cryosections of skin and epidermal equivalents**

*Christopher Kremslehner (Vienna)*

11:45 – 12:00 **Up-regulation of anti-apoptotic protein Bcl2 in cytotoxic lymphocytes mediating graft-versus-host disease: a novel therapeutic target?**

*Johanna Strobl (Vienna)*

### 12:00 – 15:30 Poster viewing



**15:30 – 19:15 Immunology**

**Discussion leaders:** Simona Saluzzo, Pablo Vieyra-Garcia

- 15:30 – 16:15 **Skin-sensing of environmental factors and their impact on systemic autoimmunity**  
*Karin Loser (Münster)*
- 16:15 – 16:30 **A portrait of T cells in prenatal human skin**  
*Rene Reitermaier (Vienna)*
- 16:30 – 16:45 **Survival kinetics of innate lymphoid cells in explant cultures of normal human skin**  
*Natalia Alkon (Vienna)*
- 16:45 – 17:00 **Bcl-2 expression is elevated in acute and chronic tissue inflammation**  
*Lisa Kleißl (Vienna)*
- 17:00 – 17:15 **A novel mechanism to induce TH2 immunity: FPR3 selectively binds allergenic lipocalins**  
*Dominik Klaver (Innsbruck)*

**17:15 – 17:45 Coffee break**

**Discussion leaders:** Christina Guttman-Gruber, Nikolaus Romani

- 17:45 – 18:30 **Skin regeneration: a symphony of single cells**  
*Maria Kasper (Schweden)*
- 18:30 – 18:45 **Keratin 14 labelling with a fluorescence molecule facilitates efficiency analysis of RNA therapeutics in epidermolysis bullosa simplex**  
*Ulrich Koller (Salzburg)*
- 18:45 – 19:00 **Low-input RNA sequencing reveals survival program of human skin-resident T cells during complete myeloablation**  
*Ram Vinay Pandey (Vienna)*
- 19:00 – 19:15 **A minicircle-based screening system facilitates the selection of promising CRISPR/Cas9 double nicking pairs for homology-directed repair of genetic mutations**  
*Thomas Kocher (Salzburg)*

**19:15 – 20:00 Speed Talks 1**

**20:00 – 22:00 Scientific networking evening (Landaueralm)**



## **Saturday, January 12, 2019**

### **08:30 – 10:00 Clinical session**

**Discussion leaders:** Patrick Brunner, Josefina Piñón Hofbauer

08:30 – 09:15 **Psoriasis - classical and paradoxical**  
*Conrad Curdin (Lausanne)*

09:15 – 09:30 **The impact of a low-dose calcipotriol ointment on wound healing, pruritus and pain in patients with dystrophic epidermolysis bullosa: Results from a placebo-controlled, randomized, double-blind, cross-over phase II clinical trial**  
*Birgit Tockner (Salzburg)*

09:30 – 09:45 **Interactions of macrophages with spirochetes in cutaneous borreliosis**  
*Anna Gindl (Vienna)*

09:45 – 10:00 **Effectiveness of low-dose, low-frequency PUVA treatment and maintenance in early stage (IA-IIA) mycosis fungoides**  
*Pablo Augusto Vieyra-Garcia (Graz)*

### **10:00 – 10:45 Speed Talks 2**

### **10:45 – 11:15 Coffee break**



**11:15 – 13:15 Translational research**

**Discussion leaders:** Emmanuella Guenova, Curdin Conrad

**11:15 – 12:00 Identification of a novel macrophage precursor in adult bone marrow**  
*Wolfgang P. Weninger (Wien)*

**12:00 – 12:15 The impact of cathelicidins in cutaneous papillomavirus infection**  
*Sonja Dorfer (Vienna)*

**12:15 – 12:30 Mapping the cutaneous microbiome in the course of allogeneic hematopoietic stem cell transplantation**  
*Nadine Bayer (Vienna)*

**12:30 – 12:45 Clonality assessment in blood and immunotyping of malignant cells to support choice of treatment for erythrodermic CTCL patients, a CD52 success story of precision medicine**  
*Pablo Augusto Vieyra-Garcia (Graz)*

**12:45-13:15 High dimensional immune monitoring of clinical trials for biomarker detection and guided immunotherapy**  
*Carsten Krieg (South Carolina)*

**13:15 Prizes and closing remarks**



## Poster Overview

Abbas Zadeh	Salman	PSORS1C2 is expressed in Hassall's bodies of the thymus and in terminally differentiated epidermal keratinocytes
Alkon	Natalia	Survival kinetics of innate lymphoid cells in explant cultures of normal human skin
Barsch	Martin	Eigenfetttransfer und Stammzellentherapie - Anwendungsmöglichkeiten in der Dermatologie.
Bayer	Nadine	Mapping the cutaneous microbiome in the course of allogeneic hematopoietic stem cell transplantation
Bobrowicz	Malgorzata	HDAC inhibitors as potential new agents improving the efficacy of monoclonal antibodies
Dorfer	Sonja	The impact of cathelicidins in cutaneous papillomavirus infection
Ehrlich	Florian	Gene expression analysis and phylogenetic profiling of keratin K24
Frech	Sophie	Functional deconstruction of fibroblast heterogeneity in skin cancer
Gindl	Anna	Interactions of macrophages with spirochetes in cutaneous borreliosis
Hammerl	Lukas	Visualization and characterization of the skin microbiome in patients upon allogeneic hematopoietic stem cell transplantation
Huber	Bettina	Thermostabilization of a broad-spectrum HPV vaccine candidate
Kalinina	Polina	WFDC12, a new putative member of epidermal protease inhibitors, contributes to skin homeostasis
Kimeswenger	Susanne	The power of neural networks to detect cutaneous basal cell carcinomas in histological sections
Klaver	Dominik	A novel mechanism to induce TH2 immunity: FPR3 selectively binds allergenic lipocalins
Kleißl	Lisa	Bcl-2 expression is elevated in acute and chronic tissue inflammation
Kocher	Thomas	A minicircle-based screening system facilitates the selection of promising CRISPR/Cas9 double nicking pairs for homology-directed repair of genetic mutations
Koller	Ulrich	Keratin 14 labelling with a fluorescence molecule facilitates efficiency
Kremslehner	Christoph	analysis of RNA therapeutics in epidermolysis bullosa simplex Automated immuno-histo-enzymatic investigation of measurable metabolic enzyme activity in cryosections of skin and epidermal equivalents.
Lachner	Julia	Identification of evolutionarily ancient epidermal differentiation genes by comparative analysis of organotypic models of chicken and human skin
Laggner	Maria	Regenerative capacity of stressed PBMC-derived EVs in comparison with other secreted biomolecules
March	Oliver	Highly efficient, specific and safe CRISPR/Cas9-mediated correction of junctional epidermolysis bullosa
Mildner	Michael	The genetic landscape of the healthy human skin



**POSTER OVERVIEW**

Pandey	Ram Vinay	Low-input RNA sequencing reveals survival program of human skin-resident T cells during complete myeloablation
Patra	Vijaykumar	complete myeloablation Skin microbiome limits UV-induced immune suppression by inducing expression of pro-inflammatory genes and increases neutrophilic infiltration in the skin
Pils	Vera	The (turm)oil in old skin – oxidized phospholipids as novel contributors to the pro-inflammatory nature of senescent dermal fibroblasts
Rainer	Barbara	Characterization of the skin microbiota in patients with rosacea and healthy controls using next-generation sequencing
Reitermaier	Rene	A portrait of T cells in prenatal human skin
Schossleitner	Klaudia	Tight junction adapter protein cingulin regulates vascular barrier function in vivo
Strobl	Johanna	Up-regulation of anti-apoptotic protein Bcl2 in cytotoxic lymphocytes mediating graft-versus-host disease: a novel therapeutic target?
Trafoier	Thomas	disease: a novel therapeutic target? Pathogenesis and Treatment of Palmoplantar Keratoderma
Trockner	Birgit	The impact of a low-dose calcipotriol ointment on wound healing, pruritus and pain in patients with dystrophic epidermolysis bullosa: Results from a placebo-controlled, randomized, double-blind, cross-over phase II clinical trial
Tschandl	Philipp	Domain-specific Classification-Pretrained Fully Convolutional Network Encoders for Skin Lesion Segmentation
Vieyra-Garcia	Pablo Augusto	Clonality assessment in blood and immunotyping of malignant cells to support choice of treatment for erythrodermic CTCL patients, a CD52 success story of precision medicine
Vieyra-Garcia	Pablo Augusto	Effectiveness of low-dose, low-frequency PUVA treatment and maintenance in early stage (IA-IIA) mycosis fungoides
Vorstandlechner	Vera	Critical evaluation of DPPiV/CD26 expression in the human skin
Weber	Daniela	Ketogenic diet as an adjuvant therapy for melanoma
Welponer	Tobias	Metformin induced anti-neoplastic effects against human and murine squamous cell carcinoma
Wenzina	Judith	Inhibition of p38 re-expresses E-Cadherin and prevents vascular invasion in melanoma
Zila	Nina	Serum proteomics for the identification of signatures to predict therapeutic response to anti-PD1 immunotherapy in melanoma





## Venue

### Hotel Landauerhof

Tälerstraße 2  
8971 Schladming (Rohrmoos-Untertal)  
AUSTRIA

The ÖGDV-Science Days will take place at Hotel Landauerhof in Schladming-Rohrmoos. 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 Theresa Mattes ([mattes@mondial-congress.com](mailto:mattes@mondial-congress.com)).

## Travel Information

### By car:

*Coming from Vienna:*

A1 "Westautobahn" motorway direction Salzburg - in Salzburg follow signs for A10 "Tauernautobahn" motorway in direction to Italy/Slowenia/Graz/Villach - continue onto A10 - exit at "Radstadt", you will reach Schladming after approx. 18 km (B 320).

*Coming from Salzburg:*

A10 "Tauernautobahn" motorway in direction to Italy/Slowenia/Graz/Villach - exit at "Radstadt", you will reach Schladming after approx. 18 km (B 320).

*Arrival at your hotel in Schladming- Rohrmoos:*

At the roundabout in Schladming-Mitte left, follow the sign to "Riessach Wasserfälle", after three minutes you will reach the hotel Landauerhof.



### By Train:

The hotel is located around 10 Minutes away from train station "**Schladming**".  
For most connections you need to change trains at station "**Salzburg Hauptbahnhof**".



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

# FORSCHUNGSTAGE (SCIENCE DAYS) 2019

January 10-12  
Hotel Landauerhof  
Schladming-Rohrmoos  
[www.oegdv.at](http://www.oegdv.at)

## GENERAL INFORMATION

### DFP Accreditation

---



The ÖGDV Science Days (ID 634556) is accredited by the Austrian Medical Chamber: 22 DFP credit points



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

# FORSCHUNGSTAGE (SCIENCE DAYS) 2019

January 10-12  
Hotel Landauerhof  
Schladming-Rohrmoos  
[www.oegdv.at](http://www.oegdv.at)

## SPONSORS

### Main Sponsors

---



### Co Sponsors

---

abbvie



GALDERMA



NOVARTIS

### Other Sponsors

---





ÖSTERREICHISCHE GESELLSCHAFT  
FÜR DERMATOLOGIE UND VENEROLOGIE

AUSTRIAN SOCIETY OF  
DERMATOLOGY AND VENEREOLOGY

# FORSCHUNGSTAGE (SCIENCE DAYS) 2019

January 10-12  
Hotel Landauerhof  
Schladming-Rohrmoos  
[www.oegdvs.at](http://www.oegdvs.at)

Thank you for your participation!

**Mondial Congress & Events**

Operngasse 20b

1040 Vienna, Austria

Tel: +43 1 58804 - 110

E-Mail: [mattes@mondial-congress.com](mailto:mattes@mondial-congress.com)