



Forschungstage (Science Days) 2018

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

January 11-13
Vötters Sportkristall
Kaprun

ÖGDV

AUSTRIAN SOCIETY OF DERMATOLOGY AND VENEREOLOGY

3RD SCIENCE DAYS

dedicated to Dermatology Research in Austria

January 11-13, 2018 / Zell am See, Kaprun
HOTEL Vötters Sportkristall

Scientific Organising Committee

Lisa Arzt (Graz), Wolfram Hötzenecker (Linz), Verena Paulitschke (Wien),
Christine Prodinger (Salzburg), Verena Moosbrugger-Martinz (Innsbruck),
Georg Stary (Wien)

SCIENTIFIC PROGRAMME 3RD SCIENCE DAYS 2018

Thursday, January 11, 2018

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

17:00 - 17:30 Opening

- Welcome and Introduction by the Organizing Committee
- **Opening Discussion**
Discussion leaders: Verena Moosbrugger-Martinz, Robert Gruber, Adelheid Elbe-Bürger, Nikolaus Romani
“Platforms to strengthen collaborations and interactions: meetings, social media and beyond”

17:30 - 19:30 Science in Academia and Industry

Discussion leaders: Thomas Wiesner, Florian Gruber

- 17:30 – 18:10 **Tobias Schatton (Boston)**
“Academic path for PhDs – is it worth it?”
- 18:10 – 18:50 **Michael E. Woodman (Indianapolis)**
“Science in Industry: behind the scenes to get to therapeutic antibodies in Dermatology”
- 18:50 – 19:05 **Giuseppe Cappellano**
“Combination therapies to improve DC-based treatment of melanoma”
- 19:05 – 19:20 **Petra Pável**
“Alterations in lipid metabolism in the epidermis of Flaky tail mice, a model of atopic dermatitis – Role of peroxisomes”
- 19:20 – 19:35 **Pooja Tajpara**
“Comparative efficacy assessment of pritelivir and acyclovir using a human ex vivo HSV-1 infection model”

19:45-22:00 Scientific networking and poster viewing
19:45 Dinner
21:15 Poster viewing

PROGRAMME OVERVIEW

Friday, January 12, 2018

08:30 – 11:30 New Technologies

Discussion leaders: Ulrich Koller, Julia Reichelt

8:30 – 9:10 **Ruedi Aebersold (Zuerich)**

“Genotypic variability and the quantitative prototype”

9:10 – 09:25 **Christopher Kremslehner**

“The “Skin Equivalent 2.0” – Single cell enzymatic activity assays within three dimensional human organotypic models and human skin”

9:25 – 09:40 **Christoph Tripp**

“Laser-assisted skin immunisation to target dendritic cells in human skin”

9:40 – 09:55 **Thomas Kocher**

“Improved safety profile: an efficient CRISPR/Cas9 double nicking approach for KRT14 repair in EB simplex”

10:00 – 10:30 *Coffee break*

10:30 – 10:45 **Vijay Kumar Patra**

“Isomerization of urocanic acid by ultraviolet radiation and its role in modulation of skin microbiome, antimicrobial peptides, and immune function”

10:45 – 11:00 **Theresa Benezeder**

“Dithranol in psoriasis: keratinocyte-neutrophil crosstalk as the early target”

11:00 – 11:15 **Maria Gschwandtner**

“The reticulum-associated protein Reticulon 1A identifies human dendritic cells”

11:15 – 11:30 **Johanna Strobl**

“Skin-resident cells in the setting of allogeneic hematopoietic stem cell transplantation”

11:30 – 15:30 Poster viewing

15:30 – 16:00 *Coffee break (“Skijause”)*

PROGRAMME OVERVIEW

16:00 – 17:30 Immunology

Discussion leaders: Patrick Brunner, Roland Lang

16:00 – 16:45 **Liv Eidsmo (Stockholm)**

“Resident T cells modulate tissue response patterns in human skin”

16:45 – 17:00 **Marie-Charlotte Brüggén**

“Unraveling leukocyte populations in adipose tissue”

17:00 – 17:15 **Laura Brunauer**

“The role of tissue macrophages in cutaneous graft-versus-host disease”

17:15 – 17:30 **Philip Kienzl**

“IL-2, IL-4 and TGF-beta promote the differentiation of T cells with a TH9 profile from healthy human skin”

17:30 – 18:00 *Coffee break*

18:00 – 19:00 Immunology

Discussion leaders: Adelheid Elbe-Bürger, Benedikt Weber

18:00 – 18:45 **Muzlifah Haniffa (Newcastle)**

“The rollercoaster ride in clinical academia”

18:45 – 19:00 **Nenad Nikolic**

“Anti-inflammatory action of octenidine in a human skin model”

19:00 – 20:00 Poster walks 1

20:00-22:00 Scientific networking evening

20:00 visit of the hotel's vintage car museum

20:30 Dinner buffet

PROGRAMME OVERVIEW

Saturday, January 13, 2018

08:30 – 10:00 Genetics / Allergy

Discussion leaders: Nikolaus Romani, Verena Wally

- 8:30 – 9:10 **Kilian Eyerich (Munich)**
"A pathogenesis-driven disease ontology of inflammatory skin diseases"
- 9:10 – 09:25 **Patricia Peking**
"RNA trans-splicing-mediated Col7a1 repair in a dystrophic epidermolysis bullosa mouse model"
- 9:25 – 09:40 **Monika Wimmer**
"Deregulation of miR-10b affects metastasis drivers in squamous cell carcinoma from epidermolysis bullosa patients"
- 9:40 – 09:55 **Julia Lachner**
"Epidermal cornification is associated with the expression of a keratinocyte-specific set of pyroptosis-related genes"

10:00 – 11:00 Poster walks 2

11:00 – 11:30 *Coffee break*

11:30 – 14:00 Clinical session / Physician Scientists

Discussion leaders: Christopher Schuster, Sandrine Dubrac

- 11:30 – 12:10 **Prof. Peter Wolf (Graz)**
"How to set up an academic multi-center study: questions and answers"
- 12:10 – 12:25 **Peter Koelblinger**
"Immunological characterization of the tumor microenvironment in ulcerated primary melanoma and correlation with clinical outcome"
- 12:25 – 12:40 **Annika Jensen**
"Relationship between molecular features of 112 allergens, clinical history and skin prick test by clustering analysis"
- 12:40 – 12:55 **Victoria Stary**
"Antigen-specific memory responses of human liver- and skin-derived NK cells"

13:15 Prizes and closing remarks

Poster Overview

First Name	Last Name	Paper Title
Nadine	Bayer	Changes in the skin microbiome during allogeneic hematopoietic stem cell transplantation
Theresa	Benezeder	Dithranol in psoriasis: keratinocyte-neutrophil crosstalk as the early target
Marie-Charlotte	Brüggen	Unraveling leukocyte populations in adipose tissue
Laura	Brunauer	The role of tissue macrophages in cutaneous graft-versus-host disease
Giuseppe	Cappellano	Combination therapies to improve DC-based treatment of melanoma
Saptaswa	Dey	Immunomodulation as one of the key hallmarks of PUVA therapy: results from a mouse lymphoma skin model
Florian	Ehrlich	Comparative genomics of mammalian keratins reveals loss of K1, K2, and K10 in the course of an evolutionary remodeling of the suprabasal epidermal cytoskeleton in fully aquatic mammals
Agnes	Forsthuber	A dual role of neutrophils in cutaneous melanoma
Maria	Gschwandtner	The reticulum-associated protein Reticulon 1A identifies human dendritic cells
Annika	Jensen	Relationship between molecular features of 112 allergens, clinical history and skin prick test by clustering analysis
Polina	Kalinina	WFDC12, a new putative member of epidermal protease inhibitors, contributes to skin homeostasis
Philip	Kienzl	IL-2, IL-4 and TGF-beta promote the differentiation of T cells with a TH9 profile from healthy human skin
Susanne	Kimeswenger	Ultraviolet radiation induces Melan-A positive cells in interfollicular epidermis in wild type C57BL/6N mice
Dominik	Klaver	Identification of amino acids that equip lipocalins with allergenic potential
Thomas	Kocher	Improved safety profile: an efficient CRISPR/Cas9 double nicking approach for KRT14 repair in EB simplex
Peter	Koelblinger	Immunological characterization of the tumor microenvironment in ulcerated primary melanoma and correlation with clinical outcome
Ulrich	Koller	TALEN-mediated gene editing in epidermolytic ichthyosis patient-derived keratinocytes
Christopher	Kremslehner	The "Skin Equivalent 2.0" – Single cell enzymatic activity assays within three dimensional human organotypic models and human skin.
Julia	Lachner	Epidermal cornification is associated with the expression of a keratinocyte-specific set of pyroptosis-related genes
Michael	Mildner	The Sparkling Science project "The genetic landscape of the healthy human skin".
Marie	Narzt	Oxidized phospholipid species contribute to a pro-inflammatory activity of senescent skin fibroblasts

POSTER OVERVIEW

Nenad VijayKumar	Nikolic Patra	Anti-inflammatory action of octenidine in a human skin model Isomerization of urocanic acid by ultraviolet radiation and its role in modulation of skin microbiome, antimicrobial peptides, and immune function
Petra	Pável	Alterations in lipid metabolism in the epidermis of Flaky tail mice, a model of atopic dermatitis – Role of peroxisomes
Patricia	Peking	RNA trans-splicing-mediated Col7a1 repair in a dystrophic epidermolysis bullosa mouse model
Magdalena	Philipp	Impaired epidermal barrier in autosomal recessive congenital ichthyosis caused by novel compound heterozygous missense mutations in SDR9C7
Vera	Pils	Extracellular Vesicles mediate SASP functions in the dermal-epidermal crosstalk during senescence
Simona Klaudia	Saluzzo Schlossleitner	Understanding HIV latency in the skin Evaluation of a process for the mass fabrication of microneedle devices
Victoria	Stary	Antigen-specific memory responses of human liver- and skin-derived NK cells
Johanna	Strobl	Skin-resident cells in the setting of allogeneic hematopoietic stem cell transplantation
Pooja	Tajpara	Comparative efficacy assessment of pritelivir and acyclovir using a human ex vivo HSV-1 infection model
Lucia	Terlecki-Zaniewicz	Senescent human fibroblasts selectively secrete miRNAs in extracellular vesicles and modulate keratinocyte functionality during skin aging
Christoph	Tripp	Laser-assisted skin immunisation to target dendritic cells in human skin
Vera Tanja	Vorstandlechner Wagner	The role of DPPIV/CD26 in normal skin and scar formation Extracellular Vesicles play a relevant role in the regenerative activities of the secretome of apoptotic peripheral blood mononuclear cells
Judith Monika	Wenzina Wimmer	Characteristics of Mesenchymal Transition of Melanoma Deregulation of miR-10b affects metastasis drivers in squamous cell carcinoma from epidermolysis bullosa patients
Roland	Zauner	Transcriptome profiling in recessive dystrophic epidermolysis bullosa patients

GENERAL INFORMATION

Venue

Hotel Vötters Sportkristall

Schloßstraße 32
5710 Kaprun
Austria

The ÖGDV-Science Days will take place at Hotel Vötters Sportkristall in Zell am See/ Kaprun. 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).

Lunch/Skijause

The hotel offers a daily "Skijause" between 15:00 and 16:00. Feel free to join!

Travel Information

By car:

Coming from Vienna:

A1 Westautobahn motorway direction Salzburg => in Salzburg follow signs for A10 motorway in direction to Italy/Slowenia/Graz/Villach => continue onto A10 => exit at Bischofshofen in direction Zell/See. You will reach Kaprun after approx. 45 km.

Coming from Salzburg:

A10 Tauernautobahn motorway in direction to Italy/Slowenia/Graz/Villach => exit at Bischofshofen in direction Zell/See. You will reach Kaprun after approx. 45 km.

Coming from Innsbruck:

A12 Inntal motorway in direction Salzburg/Munich => exit Felbertauern at Wörgl. Now go in direction Kitzbühel - Saalfelden - Zell/See – Kaprun.

Arrival at your hotel in Kaprun:

The hotel is located approximately 300 metres away from the city centre. You can easily find it if you follow the signs to the Kaprun castle (Burg) and to the vintage car museum (Fahrzeugmuseum).

GENERAL INFORMATION

By Train:

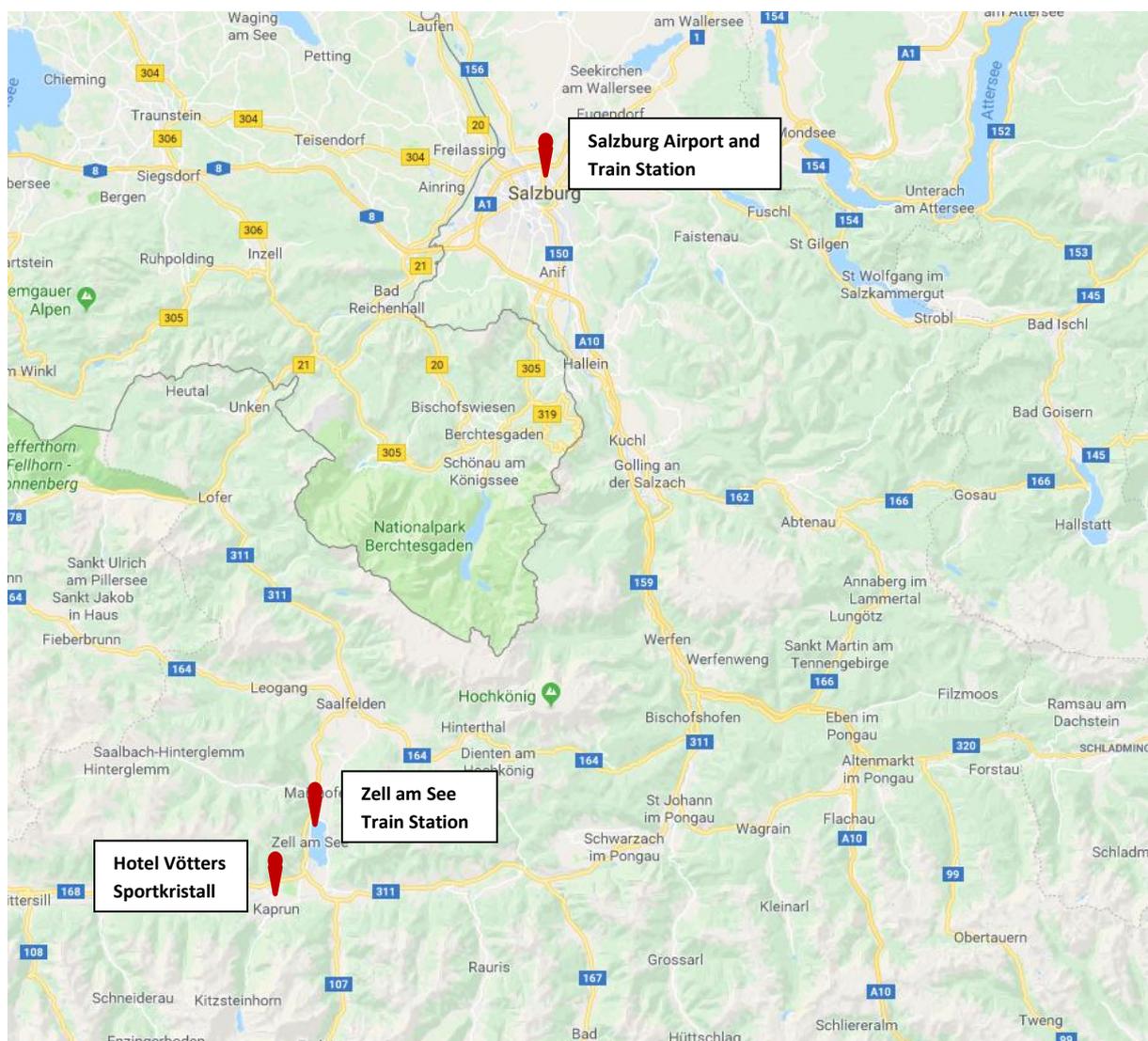
The hotel is located around 15 Minutes away from train station “Zell am See”.

For most connections you need to change trains at station “Salzburg Hauptbahnhof”.

From the train station “Zell am See” take the bus 660 in direction to “Kaprun Kitzsteinhorn Bergbahn”. Get off at station “Kaprun Schaufelberg (Sigmund-Thun-Straße)”.

By Plane:

Austria’s largest regional airport is situated in the heart of the Alps near the city center of Salzburg. Several shuttle services ensure a quick and direct onward trip to Kaprun.





GENERAL INFORMATION

DFP Accreditation



The ÖGDV Science Days (ID 601102) is accredited by the Austrian Medical Chamber: 24 DFP credit points



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www.oegdv.at

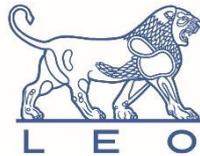
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Thank you for your participation!

Website: www.ogdv.at

Mondial Congress & Events

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