



Österreichische Gesellschaft für
Allergologie & Immunologie

Programme

ÖGAI Annual Meeting 2023

51th Annual Meeting of the Austrian Society
for Allergology and Immunology

September 14 – 16
Linz, Austria

www.oegai2023.at



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WELCOME

Dear members and friends of ÖGAI,

On behalf of the Local Organizing Committee, it is my pleasure to welcome you to the Annual Meeting of the Austrian Society for Allergology and Immunology, which takes place in the city of Linz from September 14th– 16th 2023.

This year's scientific program will not only cover a broad spectrum of topics from immunology and allergology, but will also address the aforementioned aspects from ENT, dermatology, pneumology and pediatrics. We are proud to welcome renowned international keynote speakers at our meeting. In addition, junior scientists will present their findings in oral presentations and guided poster sessions. We intend to provide a platform for the exchange of exciting new research data and its clinical applications and implications, and to promote networking among scientists, clinicians, and exhibitors.

In addition, there will be joint secessions with the Austrian Society of Rheumatology and the Young Immunologists. We hope to welcome you soon in Linz!

On behalf of the organizing committee,

Wolfram Hoetzenecker
President ÖGAI

Sabine Altrichter
General Secretary ÖGAI



VENUE

Medical Faculty

Med Campus I Gebäude LEH, Johannes Kepler Universität
Krankenhausstraße 5/8, 4020 Linz

Registration Opening Hours

Wednesday, September 13	11:30 – 19:00
Thursday, September 14	08:00 – 17:00
Friday, September 15	08:00 – 17:30
Saturday, September 16	08:30 – 11:00

Scientific Programm

Wednesday, September 13	12:45 – 18:45 premeeting
Thursday, September 14	09:00 – 17:00
Friday, September 15	09:00 – 18:30
Saturday, September 16	09:00 – 12:30

ÖGAI 2023 Meeting Organizer

Austrian Society for Allergology and Immunology (ÖGAI)
c/o Vienna Medical Academy GmbH
Christian Linzbauer, Jana Ebert
1090 Vienna, Alser Straße 4
T. +43 (0)1 405 13 83 - 17, 35
E. oegai2023@wma.co.at

Sponsoring & Exhibition

Vienna Medical Academy GmbH
Susanne Pacher-Hofmeister, MSc
T. +43 (0)1 405 13 83 - 25
M. oegai2023@wma.co.at



Im Rahmen des Diplomfortbildungs-Programms der Österreichischen Ärztekammer wurden für die Veranstaltung DFP-Punkte wie folgt approbiert:

DO: 8 Punkte
FR: 8 Punkte
SA: 4 Punkte



ORGANISATION

Local Committee

- Wolfram Hötzenecker, Congress President
- Sabine Altrichter, Congress Secretary

Scientific Committee

- Michael Bonelli
- Wilfried Ellmeier
- Elisabeth Förster-Waldl
- Katja Knapp
- Bernd Lamprecht
- Zsolt Szepefalusi
- Georg Stary
- Hannes Stockinger
- Petra Zieglmayer

Coordination for Joint Sessions/Symposia

- Thomas Weichhart (SFB Immunometabolism)
- Helga Radner (Austrian Society of Rheumatology)
- Katja Knapp (Next Generation Immunologists)





	Wednesday, September 13 Pre-meeting	Thursday, September 14 ÖGAI Annual Meeting
	Room 102	HS 2
08:00-08:30		<i>Registration</i>
08:30-09:00		
09:00-09:30		Session 1 Immunobiology
09:30-10:00		
10:00-10:30		
10:30-11:00		<i>Coffee break</i>
11:00-11:30		Session 2 Joint Session ÖGR
11:30-12:00	<i>Registration</i>	
12:00-12:30		
12:30-13:00	12:45 SFB Immunometabolism Satellite Symposium (till 18:45)	ÖGAI board meeting
13:00-13:30		Poster Exhibition / Poster Session Walk 1-4
13:30-14:00		
14:00-14:30		<i>Coffee break</i>
14:30-15:00		Session 3 Infections, Immunodeficiencies and Vaccines
15:00-15:30		
15:30-16:00		
16:00-16:30		ÖGAI General Assembly
16:30-17:00		
17:00-17:30		
17:30-18:00	Wine & Cheese in the industry exhibition	
18:00-18:30		
18:30-19:00		
19:00-19:30		
19:30-20:00		



Friday, September 15 ÖGAI Annual Meeting	Saturday, September 16 ÖGAI Annual Meeting	
HS 2	HS 2	
<i>Registration</i>	<i>Registration</i>	08:00-08:30
		08:30-09:00
Session 4 Immunology in Paediatrics and Pulmology	Session 7 Immunology in Dermatology and ENT	09:00-09:30
		09:30-10:00
		10:00-10:30
<i>Coffee break</i>	<i>Coffee break</i>	10:30-11:00
Session 5 Next generation immunologists	Session 8 Molecular Allergology	11:00-11:30
		11:30-12:00
		12:00-12:30
<i>Lunch break</i> Lunch Symposia PFIZER	12:30-12:40 12:40-12:45	12:30-13:00
	Award Session II Closing remarks	13:00-13:30
Poster Exhibition / Poster Session Walk 5-8		13:30-14:00
		14:00-14:30
		14:30-15:00
<i>Coffee break</i>		15:00-15:30
Session 6 Cancer and Tumor Immunobiology		15:30-16:00
		16:00-16:30
		16:30-17:00
		17:00-17:30
Award Session I		17:30-18:00
		18:00-18:30
		18:30-19:00
Networking Evening "Above the roofs of Linz" till 2:00h		19:00-19:30
		19:30-20:00



Wednesday, September 13, 2023

SFB IMMUNOMETABOLISM SATELLITE SYMPOSIUM

in the context of the ÖGAI 2023 Annual Meeting

12:45 - 13:00	Welcome Address <i>Thomas Weichhart, Coordinator</i>
13:00 - 15:15	Premeeting Session 1 <i>Chairs: Gerda Egger & Arvand Haschemi</i>
13:00 - 13:45	Dirk Brenner (University of Luxembourg): <i>Controlling Inflammation: The Metabolic Regulation of T Cell Subsets</i>
13:45 - 14:30	Thekla Cordes (University of Braunschweig): <i>Signaling roles of mitochondrial metabolites influencing inflammation and cancer</i>
14:30 - 15:15	Stefano Angiari (Medical University of Graz): <i>Tackling T cell metabolism in multiple sclerosis</i>
15:15 - 16:15	<i>Coffee Break / Poster Session</i>
15:30 - 17:00	Premeeting Session 2 <i>Chairs: Elena Pohl & Gernot Schabbauer</i>
16:15 - 17:00	TBA
17:00 - 17:45	Bruno Gulgas (Leiden University Medical Center): <i>Immune regulation of metabolic homeostasis during obesity</i>
17:45 - 18:30	Peter Murray (Max-Planck-Institute for Biochemistry, Martinsried): <i>Macrophage polarization viewed through the lens of redox regulation</i>
18:30 - 18:45	Symposium closing remarks <i>Martina Schweiger, Co-coordinator</i>





Thursday, September 14, 2023

09:00 - 10:30	Session 1: Immunobiology <i>Chairs: Wilfried Ellmeier, Vienna & Wilfried Posch, Innsbruck</i>
09:00 - 09:40	Lucy Walker, London: <i>The CTLA-4-IL-21 axis in the regulation of T cell / B cell collaboration</i>
09:45 - 10:00	Matteo Villa, Graz: <i>Prostaglandin E2 controls the metabolic adaptation of T cells to the intestine</i>
10:00 - 10:15	Birgit Höger, Linz: <i>TRPM7 ion channel and kinase drives AKT signaling and immune cell activation</i>
10:15 - 10:30	Luca Pangrazzi, Innsbruck: <i>The interplay between inflammation and oxidative stress supports autistic-related behaviors in mice</i>

10:30 - 11:00 *Coffee Break / Poster / Exhibition*

11:00 - 12:30	Session 2: Joint Session ÖGR <i>Chairs: Helga Radner, Vienna & Michael Bonelli, Vienna</i>
11:00 - 11:40	Gerhard Krönke, Berlin: <i>Molecular checkpoints controlling onset and resolution of inflammation</i>
11:45 - 12:00	Elena Ellmeier, Graz: <i>Targeting pyruvate kinase M2 to limit T cell pathogenicity in multiple sclerosis</i>
12:00 - 12:15	Alishan Sahu, Vienna: <i>The role of metabolic secretome of macrophages in maintaining tissue homeostasis.</i>
12:15 - 12:30	Katharina Artinger, Graz: <i>Atypical chemokine receptor 4 is expressed in glomerular parietal epithelial cells and mitigates the severity of experimental glomerulonephritis</i>

12:30 - 13:30 *Lunch Break*



Thursday, September 14, 2023

13:30 - 15:00 **Poster Session Walk 1-4**

Walk 1 Molecular Allergology and Clinical Allergology
(Chair: Sefan Wöhrli, Vienna)

Walk 2 Clinical Immunology and Immunodeficiency, Transplantation Immunology, Immunometabolism and Systems Immunology
(Chair: Katharina Artinger, Graz)

Walk 3 Molecular Immunology, Innate and Adaptive Immunity
(Chair: Hannes Stockinger, Vienna)

Walk 4 Cancer and Tumorbiology
(Chair: Winfried Pickl, Vienna)

15:00 - 15:30 *Coffee Break / Poster / Exhibition*

15:30 - 17:00 **Session 3: Infections, Immunodeficiencies and Vaccines**

Chairs: Elisabeth Förster-Waldl, Vienna & Ursula Wiedermann-Schmidt, Vienna

15:30 - 16:10 Rita Carsetti, Roma: *Development and Function Of Human Memory B Cells*

16:15 - 16:30 Sara Miranda, Vienna: *Absence of TYK2 enhances host resistance to C. albicans skin infection*

16:30 - 16:45 Carmen Stecher, Vienna: *Functional heterogeneity of stromal cells directs immune lineage specification and survival*

16:45 - 17:00 Erika Garner-Spitzer, Vienna: *Impaired vaccine response to SARS-CoV-2 in anti-TNF- α -treated IBD patients is associated with lack of cTfh1 cell activation and reduced B memory cell formation*

17:00 - 18:00 **ÖGAI General Assembly**

18:00 - 20:00 **Wine & Cheese in the industry exhibition**



Friday, September 15, 2023

09:00 - 10:30

Session 4: Immunology in Paediatrics and Pulmology*Chairs: Thomas Eiwegger, St. Pölten & Bernd Lamprecht, Linz*

09:00 - 09:40

Marco Idzko, Vienna: *Allergology in pulmonology more than asthma?*

09:45 - 10:00

Stefanie Dichtl, Innsbruck: *Salivary antibodies protect against SARS-CoV-2 BQ.1.1 in a 3D respiratory model*

10:00 - 10:15

Tobias Frey, Vienna: *Mitochondrial oxidative stress promotes an IL-4 producing phenotype in human T cells*

10:15 - 10:30

Matarr Khan, Vienna: *Single-cell profiling uncovers regulatory programs of pathogenic Th2 cells in allergic asthma*

10:30 - 11:00

Coffee Break / Poster / Exhibition

11:00 - 12:30

Session 5: Next generation immunologists*Chairs: Katja Knapp, Vienna & Felix Richter, Vienna*

11:00 - 11:40

Jelena Bezbradica Mirkovic, Oxford: *Turning on the proper switch - molecular circuits in macrophage decision-making*

11:45 - 12:00

Magdalena Lang, Graz: *Microenvironmental and cell intrinsic factors governing human cDC2 differentiation and monocyte reprogramming*

12:00 - 12:15

Aleksandra Podzhilkova, Vienna: *Purification and characterization of poppy seed allergens*

12:15 - 12:30

Stefan Aigner, Linz: *FceRI expression profile on basophils as marker for hymenoptera venom allergy*

12:30 - 13:30

Lunchsymposium PFIZERWolfram Hötzenecker: *The power of CIBINQO® (abrocitinib): innovative JAK-inhibition in moderate-to-severe atopic dermatitis*

13:30 - 15:00

Poster Session Walk 5-8*Walk 5 Immunomodulation, Therapy of Allergy*
(Chair: Erika Jensen-Jarolim, Vienna)*Walk 6 Vaccines and Vaccination, Infectious Diseases and Immunity*
(Chair: Ursula Wiedermann, Vienna)*Walk 7 Immunregulation, Inflammatory Diseases, Autoimmune Diseases*
(Chair: Michael Bonelli, Vienna)*Walk 8 NCI Highlights*
(Chair: Karoline Strobl, Vienna)

15:00 - 15:30

Coffee Break / Poster / Exhibition



Friday, September 15, 2023

15:30 - 17:00 **Session 6: Cancer and Tumor Immunobiology**
Chairs: Maria Sibilica, Vienna & Winfried Pickl, Vienna

15:30 - 16:10 Franco Locatelli, Rome: *New indications on the use of CAR T cells*

16:15 - 16:30 Joschka Hellmeier, Munich: *Molecular mapping of immune checkpoints reveals CD80 as antagonist of MHC-I/PD-L1 clusters*

16:30 - 16:45 Helene Sieberer, Salzburg: *The NLRP3/eIF2 axis in acute myeloid leukemia*

16:45 - 17:00 Dusica Ristic, Graz: *G Protein-Coupled Receptor 55 in Pancreatic Cancer: An Immunomodulatory Role*

17:30 - 18:30 **ÖGAI Award Session**

19:00 - 02:00 **Networking Evening**
"Above the roofs of Linz"





Saturday, September 16, 2023

09:00 - 10:30	Session 7: Immunology in Dermatology and ENT <i>Chairs: Petra Ziegelmayer, Vienna & Georg Stary, Vienna</i>
09:00 - 09:40	Georg Stary, Vienna: <i>The skin as model organ for tissue-confined immunity in health and diseases</i>
09:45 - 10:00	Monika Ettinger, Linz: <i>Targeting of Th17-related cytokines in patients with Darier Disease</i>
10:00 - 10:15	Karoline Strobl, Vienna: <i>EGFR protects from scarring alopecia by securing the stem cell immune privilege</i>
10:15 - 10:30	Marta Palomo-Irigoyen, Vienna: <i>Beyond skin inflammation: cell-specific immune-modulatory functions of S100A8/A9 alarmins</i>
<hr/>	
10:30 - 11:00	<i>Coffee Break / Poster / Exhibition</i>
<hr/>	
11:00 - 12:30	Session 8: Molecular Allergology <i>Chairs: Erika Jensen-Jarolim, Vienna & Rudolf Valenta, Vienna</i>
11:00 - 11:40	Hans-Uwe Simon, Bern: <i>Novel aspects of eosinophil biology</i>
11:45 - 12:00	Hilal Demir, Vienna: <i>The cross-blocking activity of immunotherapy-induced antibodies accords with allergen homology</i>
12:00 - 12:15	Bernhard Kratzer, Vienna: <i>Allergen-laden virus-like nanoparticles (VNP) with Th1-priming activity</i>
12:15 - 12:30	Lisa Prickler, Vienna: <i>Potential of prophylactic adoptive cell therapy in IgE mediated allergy</i>
12:30 - 12:35	Awards of the poster price
12:35 - 12:40	Awards of the best oral presentation
12:40 - 12:45	Closing remarks <i>Wolfram Hötzenecker</i>



POSTER EXHIBITION

All posters are allocated to 7 Poster Topics.

- P1 Molecular Allergology and Clinical Allergology
- P2 Clinical Immunology and Immunodeficiency, Transplantation Immunology, Immunometabolism and Systems Immunology
- P3 Molecular Immunology, Innate and Adaptive Immunity
- P4 Cancer and Tumorbiology
- P5 Immunomodulation, Therapy of Allergy
- P6 Vaccines and Vaccination, Infectious Diseases and Immunity
- P7 Immunoregulation, Inflammatory Diseases, Rheumatology and Autoimmune Diseases

Poster Walks

Some posters have been selected for a short presentation (5 minutes + 3 minutes discussion) to be held during the guided poster walks. The relevant authors were informed by email about the selection of their poster and the allocation to the respective poster walks.

These posters are highlighted with colored markers (red for “Chairs’ choice” and green for “Next Generation Immunologists’ Choice”).

Please go to the topic you are interested in at the below stated times to find your poster walk. The NGI Highlights poster walk will start at topic 4.

The following Poster Walks will take place during the ÖGAI meeting:

Poster Walks 1-4: Thursday, Sept 14, at 13:30 - 15:00 hrs

- Poster Walk 1: Molecular Allergology and Clinical Allergology
Chair: Sefan Wöhrl, Vienna
- Poster Walk 2: Clinical Immunology and Immunodeficiency, Transplantation Immunology, Immunometabolism and Systems Immunology
Chair: Katharina Artinger, Graz
- Poster Walk 3: Molecular Immunology, Innate and Adaptive Immunity
Chair: Hannes Stockinger, Vienna
- Poster Walk 4: Cancer and Tumorbiology
Chair: Winfried Pickl, Vienna

Poster Walks 5-8: Friday, Sept 15, at 13:30 - 15:00 hrs

- Poster Walk 5: Immunomodulation, Therapy of Allergy
Chair: Erika Jensen-Jarolim, Vienna
- Poster Walk 6: Vaccines and Vaccination, Infectious Diseases and Immunity
Chair: Ursula Wiedermann, Vienna
- Poster Walk 7: Immunoregulation, Inflammatory Diseases, Autoimmune Diseases
Chair: Michael Bonelli, Vienna
- Poster Walk 8: NGI Highlights
Chair: Karoline Strobl, Vienna

Authors are kindly requested to attend to their posters during all poster exhibition times to enable a lively discussion of their work.



Topic 1 Molecular Allergology and Clinical Allergology

- P1.01** Stefan Aigner, Linz: *FceRI expression profile on basophils as marker for hymenoptera venom allergy*
- P1.02** Stefan Aigner, Linz: *High affinity IgE receptor expression on basophils – Is there a pathophysiological role in the early phase of tolerance induction?*
- P1.03** Hilal Demir, Vienna: *The cross-blocking activity of immunotherapy-induced antibodies accords with allergen homology*
- P1.04** Nishelle Dsouza, Vienna: *Differential diagnosis of genuine Blomia tropicalis sensitization using recombinant Blomia tropicalis allergens*
- P1.05** Nora Geissler, Vienna: *Obesity increases allergic airway inflammation that can be successfully treated by oral immunotherapy*
- P1.06** Tianchi Jiang, Vienna: *Micro-arrayed PR10 proteins and peptides for studying antibody reactivity profiles in allergic patients and non-allergic individuals*
- P1.07** Amin Kraiem, Salzburg: *Particulation of Bet v 1 decreases allergen-specific Th2 responses in mice*
- P1.08** Armin Kraus, Wien: *Macropinocytosis is the main uptake mechanism for allergen-specific virus-like nanoparticles*
- P1.09** Katharina Moritz, Vienna: *Allergy tests in patients with chronic urticaria- the allergologist's point of view*
- P1.10** Aleksandra Podzhilkova, Wien: *Purification and characterization of poppy seed allergens*
- P1.11** Katarína Repiská, Vienna: *Development of a protocol to separate high and low affine allergen-specific antibodies*
- P1.12** Maria Regina Strobl, Vienna: *A modified ELISA to assess the binding strength of allergen-specific antibodies in serum samples*
- P1.13** Srinidhi Sudharson, St. Pölten: *RNA-seq analysis of nasal mucosa following nasal provocation in birch pollen-allergic individuals*
- P1.14** Nikolina Todorovic, Graz: *Biophysical and immunological characterization of Arginine kinases from House dust mite species and other invertebrates*
- P1.15** Ines Zettl, Vienna: *Expanding the nanobody toolbox: Bispecific nanobody designs for topical application in birch pollen allergy*

Topic 2 Clinical Immunology and Immunodeficiency, Transplantation Immunology, Immunometabolism and Systems Immunology

- P2.01** Elena Ellmeier, Graz: *Targeting pyruvate kinase M2 to limit T cell pathogenicity in multiple sclerosis*
- P2.02** Monika Ettinger, Linz: *Targeting of Th17-related cytokines in patients with Darier Disease*
- P2.03** Marija Simonovic, Vienna: *Immunodeficiency Newborn screening in Austria – 2 years' experience & outcome*



- P2.04** Jens Thiel, Graz: *TET2-mosaicism in human is associated with lymphoproliferation, autoimmunity, immunodeficiency, and hematologic malignancy*
- P2.05** Jose Ignacio Escrig-Iarena, : *Determination of Aged-Associated CD4+ T cell Distribution throughout Different Organs by Spectral Flow Cytometry*
- P2.06** salvatore alessio gentile, Wien: *Novel N-glycome analysis with conserved sialic acid residues for biomarker detection in post-viral fatigue*
- P2.07** Tanvi Mehta, Vienna: *The fitness of human CD8+ T cells is set by the coordination of actin remodeling and metabolic programs*
- P2.08** Anna Ohradanova-Repic, Vienna: *Elevated concentrations of sodium chloride rewire macrophage metabolism to potentiate the proinflammatory phenotype*
- P2.09** Davide Ret, Wien: *The fate of dietary immuno-modulating glycan along the gastrointestinal tract*
- P2.10** Marah Runtsch, Graz: *Lung tumor neutrophils undergo heterogeneic metabolic reprogramming during NSCLC*
- P2.11** Alishan Sahu, Wien: *The role of metabolic secretome of macrophages in maintaining tissue homeostasis.*
- P2.12** Matteo Villa, Graz: *Prostaglandin E2 controls the metabolic adaptation of T cells to the intestine*
- P2.13** Jasmin Wächter, Vienna: *The influence of α KG supplementation in obesity*
- P2.14** Laura Marie Gail, Vienna: *Regulation of tissue residency in the skin after hematopoietic stem cell transplantation*
- P2.15** Agnes A. Mooslechner, Graz: *Enhanced Tissue Regeneration and Function with IL-15 Treatment in Acute Kidney Injury*
- P2.16** Johanna Strobl, Vienna: *Diversely polarized tissue macrophages contribute to distinct stages of human graft-versus-host disease*

Topic 3 Molecular Immunology, Innate and Adaptive Immunity

- P3.01** Teresa Kloimboeck, Graz: *Myeloperoxidase enhances cell migration and invasion in human choriocarcinoma JEG-3 cells*
- P3.02** Hanna Mayerhofer, Vienna: *Farm effect: Beta-lactoglobulin counteracts allergic inflammation via lipocalin-interacting membrane receptor (LIMR) on innate immune cells*
- P3.03** Isabella Pali, Vienna: *The allergy-protective milk protein beta-lactoglobulin – from its discovery in stable dust to its source in bovine organs*
- P3.04** Carmen Stecher, Vienna: *Functional heterogeneity of stromal cells directs immune lineage specification and survival*
- P3.05** Birgit Höger, Linz: *TRPM7 ion channel and kinase drives AKT signaling and immune cell activation*
- P3.06** Anna Madlmayr, Linz: *TRPM7 in Ca^{2+} signaling and T-cell activation*



- P3.07** Anastasiia Marchuk, Vienna: *Histone lysine methyltransferase NSD2 as interrelated partner of AID and Ki67 in germinal centers*
- P3.08** Luca Pangrazzi, Innsbruck: *The interplay between inflammation and oxidative stress supports autistic-related behaviors in mice*
- P3.09** Philipp Schatzlmaier, Vienna: *Immunity of lipid-lowering drugs: how statins and PCSK9-inhibitors shape immune function*

Topic 4 Cancer and Tumorbiology

- P4.01** Rodolfo Bianchini, Vienna: *Developing of Canine Checkpoint Inhibitors: Caninized Anti-PD1 and Anti-PD-L1 Monoclonal Antibodies with IgG1 and IgG4 Canine Constant Regions for Treating Cancer in Dogs*
- P4.02** Nejra Cosic-Mujkanovic, Graz: *Myeloperoxidase alters lung cancer cell function to benefit their survival*
- P4.03** Nassim Ghaffari Tabrizi, Graz: *The avian chorioallantois membrane as a 3R model to study immunoncology*
- P4.04** Nikhila Harikumar, Vienna: *Regulation of T cell functions by cytoskeletal proteins in the melanoma tumor microenvironment*
- P4.05** Joschka Hellmeier, Munich: *Molecular mapping of immune checkpoints reveals CD80 as antagonist of MHC-I/PD-L1 clusters*
- P4.06** Melanie Kienzl, Graz: *Investigating the impact of eosinophils on lung cancer progression*
- P4.07** Oliver Kindler, Graz: *Influence of age on the tumor microenvironment in a cohort of non-small cell lung cancer*
- P4.08** Angelika Lackner, Linz: *The involvement of Immunogenic Cell Death in Extracorporeal Photopheresis*
- P4.09** Judith Leitner, Wien: *FcγR requirements and costimulatory capacity of Urelumab, Utomilumab and Varlilumab*
- P4.10** Anna Lueger, Graz: *Myeloperoxidase creates an immunosuppressive tumor microenvironment in non-small cell lung cancer by altering T cell function*
- P4.11** Ana Rita Ribeiro, Salzburg: *TPC-CS nanoparticles as a novel drug delivery system for dendritic cell mediated anti-tumor immunity*
- P4.12** Dusica Ristic, Graz: *G Protein-Coupled Receptor 55 in Pancreatic Cancer: An Immunomodulatory Role*
- P4.13** Ana Santiso, Graz: *Functional characterization of tumor-infiltrating B-cells in NSCLC*
- P4.14** Leonie Schöftner, Salzburg: *Xenografting mouse models to study human cutaneous γδ T cells in health and disease*
- P4.15** Helene Sieberer, Salzburg: *The NLRP3/eIF2 axis in acute myeloid leukemia*



Topic 5 Immunomodulation, Therapy of Allergies

- P5.01** Osamah Al-Rubaye, Vienna: *Targeting HDAC1 catalytic activity in T cells protects against experimental autoimmune encephalomyelitis*
- P5.02** Sara Gil Cantero, Vienna: *The soluble cytoplasmic tail of CD45 regulates dendritic cell via TLR4 signalling*
- P5.03** Zala Mihalic, Graz: *Neutrophil proteome atlas in first trimester pregnancy*
- P5.04** Ralf Schmidt, Vienna: *Base editing mutagenesis maps functional alleles to tune human T cell activity*
- P5.05** Bernhard Kratzer, Vienna: *Allergen-laden virus-like nanoparticles (VNP) with Th1-priming activity*
- P5.06** Lisa Prickler, Vienna: *Potential of prophylactic adoptive cell therapy in IgE mediated allergy*
- P5.07** Anna Schmid, Vienna: *Extracellular vesicles of the probiotic bacteria E. coli O83 activate innate immunity and prevent allergy in mice*
- P5.08** Nicole Unger-Manhart, Korneuburg: *Decongestant effect of treatment with Sorbitol-containing Carragelose® nasal spray.*
- P5.09** Nicole Unger-Manhart, Korneuburg: *Carragelose® nasal spray is effective in reducing allergic nasal symptoms*

Topic 6 Vaccines and Vaccination, Infectious Diseases and Immunity

- P6.01** Maja Bajic, Krems: *Recombinant VP1 capsid protein target of Human Boca 1 (HBoV1)-specific antibodies*
- P6.02** Stefanie Dichtl, Innsbruck: *Salivary antibodies protect against SARS-CoV-2 BQ.1.1 in a 3D respiratory model*
- P6.03** Laura Gebetsberger, : *SARS-CoV-2 virions hijack host cellular proteins to evade innate immunity*
- P6.04** Lisa Kleissl, Vienna: *Human epidermal Langerhans cells are activated and migrate in response to tick feeding and transmission of tick-borne pathogens*
- P6.05** Katja Knapp, Vienna: *Immune programs in human dendritic cells upon immunization with Chlamydia trachomatis*
- P6.06** Sara Miranda, Vienna: *Absence of TYK2 enhances host resistance to C. albicans skin infection*
- P6.07** Gabor Tajti, Wien: *Infection and innate sensing of SARS-CoV-2 virus by circulating monocytes*
- P6.08** Claudia Auer, Vienna: *Two-year follow-up of immune responses to primary and booster vaccination with COVID-19 mRNA vaccines in cancer patients under different treatment schedules*
- P6.09** Erika Garner-Spitzer, Vienna: *Impaired vaccine response to SARS-CoV-2 in anti-TNF- α -treated IBD patients is associated with lack of cTfh1 cell activation and reduced B memory cell formation*



- P6.10** Nora Geissler, Vienna: *The Impact of Obesity on Vaccination to SARS-CoV-2 in C57BL/6 Mice*
- P6.11** Magdalena Hagen, Innsbruck: *Pneumococcal CRM197 conjugate vaccines simultaneously induce diphtheria- and pneumococcal-specific immune responses*
- P6.12** Pedro Veloso, Padova: *Targetting of dendritic cells by poly(oxazoline)-coated nanoparticles*
- P6.13** Angelika Wagner, Vienna: *Insufficient seroprotection against diphtheria in Austria in light of the notified cases in 2022*

Topic 7 Immunoregulation, Inflammatory Diseases, Rheumatology and Autoimmune Diseases

- P7.01** Katharina Artinger, Graz: *Atypical chemokine receptor 4 is expressed in glomerular parietal epithelial cells and mitigates the severity of experimental glomerulonephritis*
- P7.02** Sally Connolly, Graz: *Bhlhe40 regulation of Langerhans cell fate and function*
- P7.03** Julia Erber, Vienna: *Long noncoding RNA-124 regulates CD8+ T cell response to infection*
- P7.04** Tobias Frey, Vienna: *Mitochondrial oxidative stress promotes an IL-4 producing phenotype in human T cells*
- P7.05** Marlene Hollenstein, Vienna: *The adaptor protein TRAT1 modulates Th17 and Treg effector functions*
- P7.06** Matarr Khan, Vienna: *Single-cell profiling uncovers regulatory programs of pathogenic Th2 cells in allergic asthma*
- P7.07** Lourdes Rocamora Reverte, Innsbruck: *Identification of highly suppressive regulatory T cells in old age*
- P7.08** Eva Gruden, Graz: *Analysis of blood immune cell composition and activation in eosinophilic esophagitis*
- P7.09** Magdalena Lang, Graz: *Microenvironmental and cell intrinsic factors governing human cDC2 differentiation and monocyte reprogramming*
- P7.10** Marta Palomo-Irigoyen, Vienna: *Beyond skin inflammation: cell-specific immune-modulatory functions of S100A8/A9 alarmins*
- P7.11** Karoline Strobl, Vienna: *EGFR protects from scarring alopecia by securing the stem cell immune privilege*
- P7.12** Pavlina Javorova, Graz: *Sjögren´s Syndrome in Id3KO mouse model is associated with T cell senescence and mitochondrial dysfunction*
- P7.13** Selina J. Keppler, Graz: *B/T cell interaction fuels intestinal inflammation during autoimmunity*
- P7.14** Matea Rados, Graz: *Dietary supplementation with spermidine increases autophagic flux and ameliorates ROS production of T-cells of patients with spondyloarthritis*



INFORMATION FOR SPEAKERS & POSTER PRESENTERS

Oral presentations

SPEAKING TIME

The invited speakers have 30 minutes for their presentation, followed by a 10-minute discussion. Abstract submitters have 10 minutes plus 5 minutes for discussion.

Please make sure not to exceed the allocated time.

The chairpersons of your session will be strict in allowing no more than the time allotted to your paper. Remember to allow some time for the changeover of speakers and chairperson's introduction, and for questions and discussion.

Please **rehearse your talk** to make sure it will fit comfortably into the available time.

Make yourself known to the chairpersons and/or the room assistant in your session room before the beginning of the session.

PROJECTION & TECHNICAL SETTINGS

1. Please prepare your presentation on a USB-stick. In case you are using embedded videos, please have them in the same folder on the USB.
2. Deliver your presentation to the technician in the lecture hall.
3. Presentations should be handed in as soon as you arrive and register, preferably during the break and at the latest in the break before your session.
4. We use Powerpoint, 16:9 format.
5. Mac-users need to coordinate with the technician upon arrival at the conference venue.

Poster presentations

Some posters have been selected for a short presentation (5 minutes + 3 minutes discussion) to be held during the guided poster walks. The relevant authors were informed by email about the selection of their poster and the allocation to the respective poster walks.

These posters are highlighted with colored markers (red for "Chairs' choice" and green for "Next Generation Immunologists' Choice").

Please go to the topic you are interested in at the below stated times to find your poster walk. The NGI Highlights poster walk will start at topic 4.

Authors are kindly requested to attend to their posters during all poster exhibition times to enable a lively discussion of their work.



POSTER MOUNTING AND REMOVAL

Poster mounting and removal

Mounting: Thursday, Sept 14, 08:00-11:00 hrs (latest 13:30)

Removal: Saturday, Sept 16, 11:00-13:30 hrs

POSTER FORMAT & GUIDELINES

Poster format A0 (841 × 1189 mm. The usable surface on the poster board will be 90 cm width x 130 cm height). Posters should be in portrait format.

Important guidelines

- Authors are requested to disclose possible conflicts of interest on the poster.
- When presenting data and health information (including photos) all presenters must have consent from human subjects and comply with applicable regulations.
- Posters should stimulate discussion. Therefore, keep the text to a minimum, emphasize on graphics and make sure every item is necessary.
- Include the title of your presentation. The abstract titles will not be displayed on the boards provided.
- The lettering of the poster header should be at least 2.5 cm high. Detailed information should be provided in a smaller font but remember that your text must be easily readable from distances of at least 1 meter.
- Optional Materials: If you wish, you may prepare handouts for distribution to interested colleagues. Alternatively, you may include a QR code on the poster which would trigger a download of the handouts (WIFI is available in the poster area). Some authors may also wish to provide business cards/contact information. Your passport photograph on the poster may facilitate contacts during the congress.





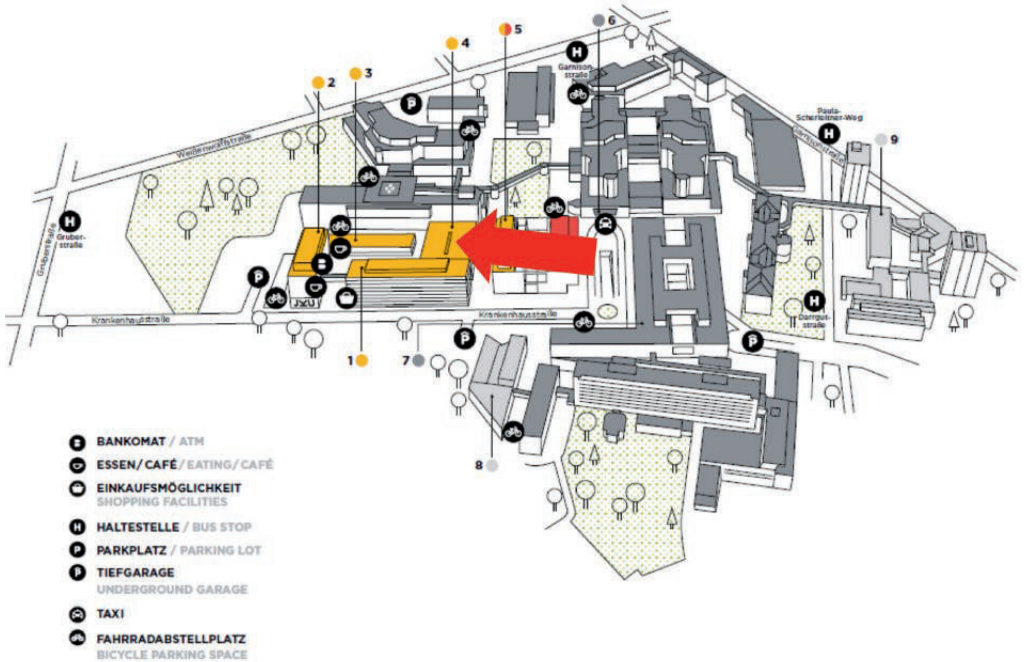
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Exhibition Opening Hours	
Thursday, September 14	
10:00 – 20:00	
<i>(Welcome Reception from 18:00 – 20:00)</i>	
Friday, September 15	
10:00 – 16:00	
Saturday, September 16	
10:00 – 13:00	

per Stand: 13. September 2023



Overview

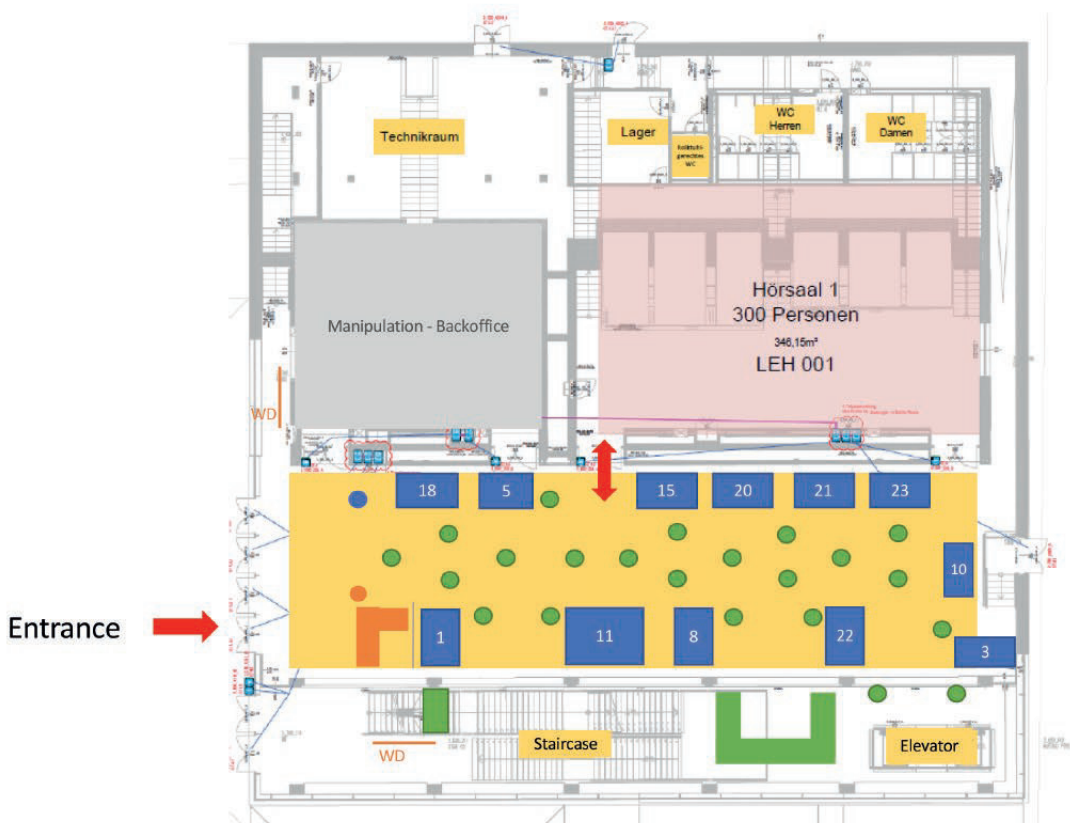


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2. EG



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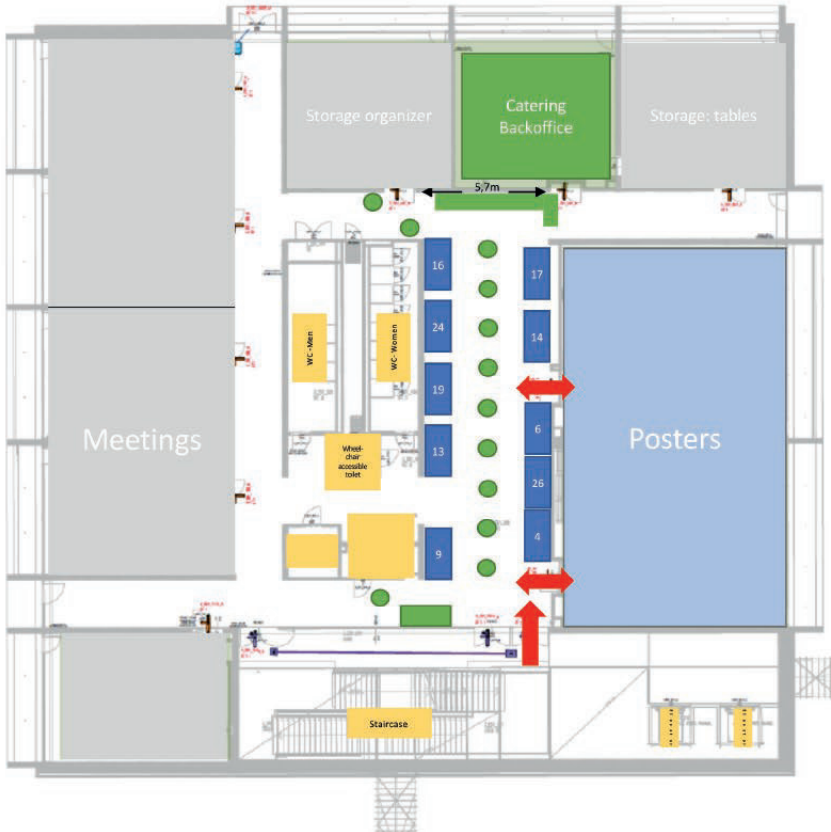
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