

7th Comparative Medicine Symposium 2024



May 27 - 28, 2024

University of Veterinary Medicine
Veterinärplatz 1, 1210 Vienna
Banquet Hall (Festsaal)

Organizing Committee

Iwan Burgener
Monika Ehling-Schulz
Dagmar Gotthardt
Florian Grebien
Dieter Klein
Sabine Lagger
Caroline Lassnig
Heidi Neubauer
Birgit Strobl

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Veterinärmedizinische Universität Wien

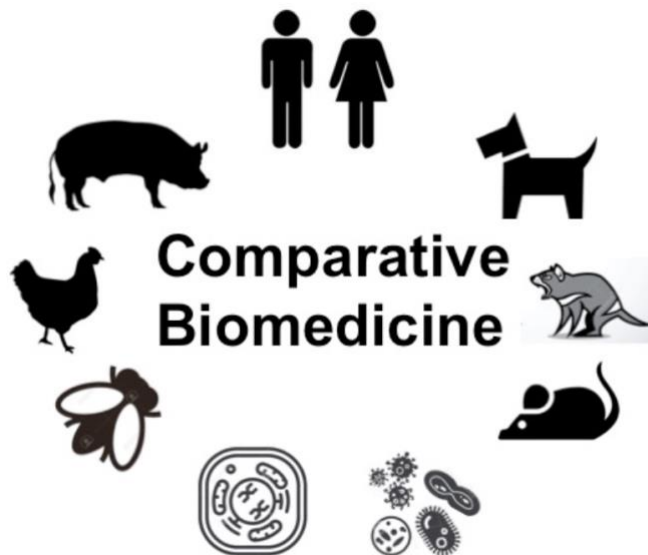
**CAMPUS
& ARRIVAL**



Comparative Medicine Symposium 2024

Mission

- Presentation of research from the Vienna Life Science Region
- Presentation of early career stage researchers and new Professors at the Vetmeduni
- Topic mix including cell biology, infectious diseases, cancer and One Health
- Balance between basic, translational and industrial research
- Focus on technological, methodological or therapeutic developments



We thank the speakers for making the meeting attractive and we hope you can join us on May 28th to have dinner at the Vetmeduni with the Master students and organizers.

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Organizational Information: Coffee & Lunch – Foyer of Banquet Hall; Chair persons and speakers please be in time

FIRST DAY, Monday 27.05.2024

09:00 Opening Ceremony – Rectorate of Vetmeduni (VR Otto Doblhoff-Dier) and organizers

Opening Talks (Chair: Sabine Lagger)

09:20 - 10:00: Verena Jantsch (MPL): *“Meiotic Chromosome Movement: What’s the Lamina Got to Do with it?”*

10:00 - 10:40: Martin Leeb (MPL): *“The Molecular Logic of Cell Fate Control”*

10:40 - 11:10 – Coffee Break

Session 1 ‘Omics-based Discoveries in Biomedical Research’ (Chair: Birgit Strobl)

11:10 - 11:40: Iros Barozzi (MedUni Vienna): *“Unravelling Transcriptional Heterogeneity Exposes General Mechanisms of Adaptation to Endocrine Therapies in Breast Cancer”*

11:40 - 12:10: Marco Hein (MPL): *“Single-Cell Functional Genomics of Virus/Host Systems”*

12:10 - 12:40: Laura deRooji (CeMM): *“Vascular Heterogeneity in Health, Disease, and Aging”*

12:40 - 13:10: David Berry (Uni Vienna): *“Gut Microbiome-targeted Nutrition”*

13:10 - 14:10 – Lunch Break

Session 2 ‘Research at the Vetmeduni I’ (Chair: Iwan Burgener)

14:10 - 14:40: Evelyne Selberherr: *“Unveiling the Microbial Landscape of Plant-Based Meat Alternatives: Implications for Safety and Quality Assurance in the Growing Market”*

14:40 - 15:10: Heidi Neubauer: *“Uncovering Disease Mechanisms and Targeted Therapies in Hepatosplenic $\gamma\delta$ T Cell Lymphoma”*

15:10 - 15:40: Dieter Liebhart: *“Elucidation of Immune Pathways in Poultry Against Viral, Bacterial and Parasitic Diseases”*

15:40 - 16:10 – Coffee Break

Session 3 - ‘Research at the Vetmeduni II’ (Chair: Heidi Neubauer)

16:10 - 16:40: Tobias Käser: *“Vaccine Development against Chlamydia trachomatis in Pigs”*

16:40 - 17:10: Friedericke Pohlin: *“Translocation Stress in Rhinos”*

Closing talk:

17:10 - 17:50: Robert Kralovics (MedUni Vienna): *“Oncogenic Calreticulins: from Discovery to Targeted Therapy”*

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SECOND DAY, Tuesday 28.05.2024

Opening talks (Chair: Florian Grebien)

09:00 - 09:40: Elly Tanaka (IMBA): *"The Axolotl as a Model System for Understanding the Molecular Basis of Regeneration"*

09:40 - 10:20: Gaia Novarino (ISTA): *"From Cells to Systems: Navigating the Complex Landscape of Autism Spectrum Disorders"*

10:20 - 10:50 – Coffee Break

Session 4 'B-cell biology' (Chair: Katarzyna Sitnik)

10:50 - 11:20: Ola Grimsholm (MedUni Vienna): *"Heterogeneity of Human Memory B cells in Health and Disease"*

Session 5 'Research at the Vetmeduni III' (Chair: Caroline Lassnig)

11:20 - 11:50: Doris Wilflingseder (MedUni IBK, Vetmeduni) *"Infectious Disease Models 3.0"*

11:50 - 12:20: Claudia Bieber: *"Wildlife Research at FIWI in the Context of One Health"*

12:20 - 12:50: Lorenz Khol: *"Where, What and Why - the Unit for Alpine Ruminant Medicine of the Vetmeduni in Tyrol"*

12:50 - 13:50 – Lunch Break

Session 6 'Career Models / Biomedical Industry' (Chair: Dieter Klein)

13:50 - 14:15: Anna Orlova (RIANA): *"From University to Biotech"*

14:15 - 14:40: Krzysztof Chylinski (Böhringer): *"Genome Engineering in Academia, Faculty and Industry Research"*

14:40 - 15:05: Ines Garces: *"Life Post-PhD, an Introduction to Medical Writing"*

15:05 - 15:20: Claudia Amort (Studio Amort): *"The Art of Science: How to Transform Data into Impactful Visuals"*

15:20 – 15:35: Gaby Dorner (Tecniplast): *"Tierhaltung 4.0"* - Company talk

15:35 - 16:00 – Coffee Break

Session 7 'Career Models / Biomedical Industry' - continued (Chair: Dagmar Gotthardt)

16:00 - 16:25: Arianna Sabo (QuantroTx): *"QUANTROseq®, a Transcriptomic-based Drug Discovery Platform to Identify Inhibitors and Degradors of Transcription Factors and Cell Signaling Regulators"*

16:25 - 16:50 Christoph Rademacher (Cutanos): *"Cell-specific Transdermal Delivery of mRNA and Proteins to Langerhans Cells"*

Closing Talk

16:50 - 17:30: Gerda Egger (MedUni Vienna): *"Modelling the Tumor Microenvironment in Patient-Derived Colorectal Cancer Organoids"*

18:00: Speakers and Master Students dinner at the Vetmeduni (Aula, Building CA)

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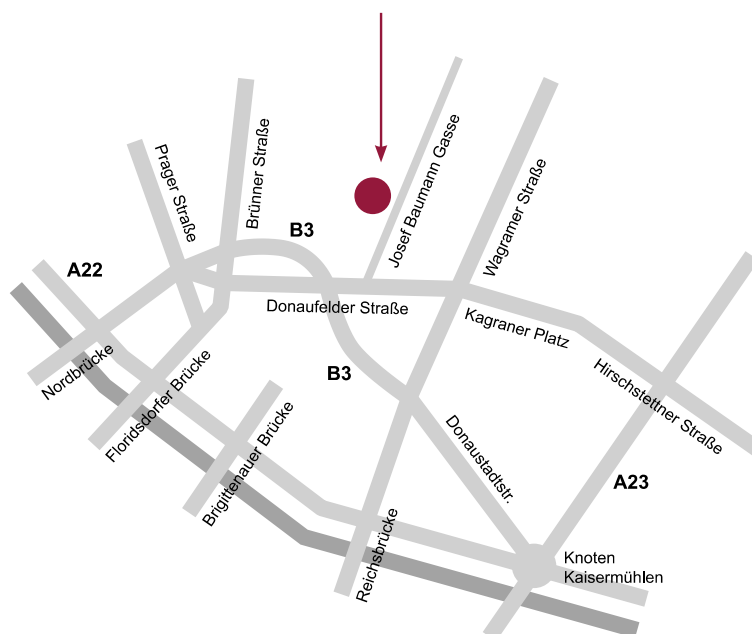
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Arrival at the Vetmeduni



Parking: There is only limited parking space on the campus.
We recommend using public transport.

Public transport

- **Underground line U1** to Kagran, **bus line 27A** direction Hermann-Gebauer-Straße to Veterinärmedizinische Universität Wien or **tram line 25** direction Floridsdorf to Josef-Baumann-Gasse.
- **Underground line U1** to Kagranner Platz, **tram line 26** direction Strebersdorf to Josef-Baumann-Gasse/Veterinärmedizinische Universität Wien.
- **Underground line U6** to Floridsdorf, **tram line 26** to Josef-Baumann-Gasse/Veterinärmedizinische Universität Wien or **tram line 25** direction Aspern, Oberdorfstraße to Josef-Baumann-Gasse.

Veterinärmedizinische Universität Wien (Vetmeduni Vienna)
1210 Wien, Veterinärplatz 1, T +43 1 25077-0, www.vetmeduni.ac.at

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