

# **vetmeduni**

Veterinärmedizinische Universität Wien

## **Comparative Medicine Symposium 2023** **“One Health: From Comparative Medicine to Applied Biomedicine“**



**Banquet Hall (Festsaal)**

**May 23 and 24, 2023**

Organizing Committee:

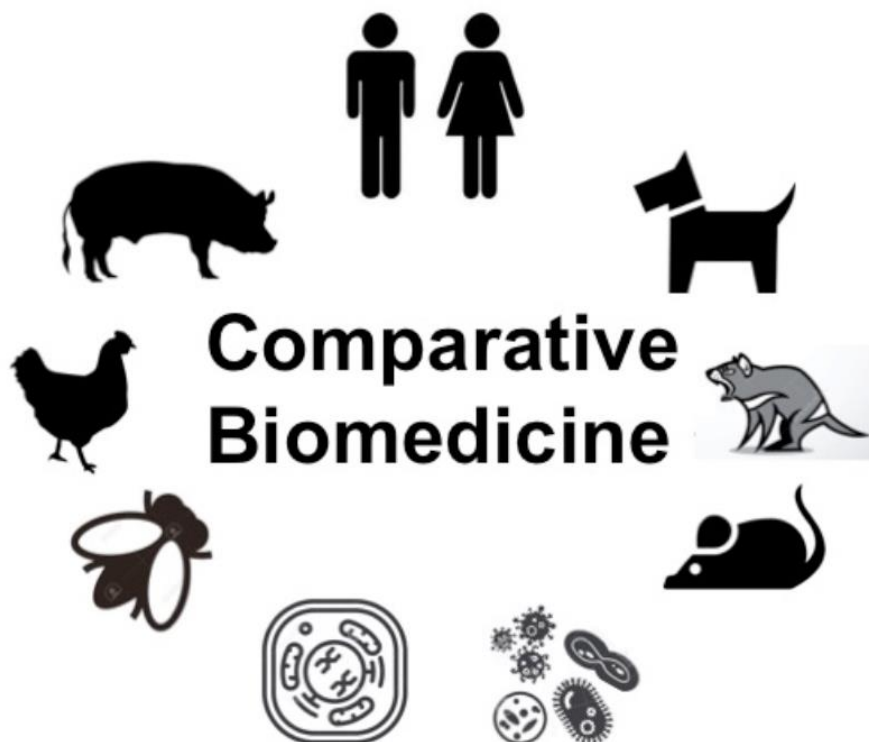
Iwan Burgener, Monika Ehling-Schulz, Florian Grebien, Dieter Klein, Richard Moriggl,  
Mathias Müller, Birgit Strobl, ÖH Vetmeduni Vienna

**[www.vetmeduni.ac.at](http://www.vetmeduni.ac.at)**

## Comparative Medicine Symposium 2023

### Mission

- presentation of research from the Vienna Life Science Region and from early career stage researchers of Vetmeduni
- balance between basic, translational/clinical and industrial research
- topic mix including infectious diseases, inflammatory diseases, cancer and one health issues
- additional focus on technological, methodological or therapeutic concepts



## **FIRST DAY, Tuesday 23.05.2023**

**9.15 Opening Ceremony** – Rectorate of Vetmeduni and organizers

**Opening Talks** (Chair: Richard Moriggl)

**9.30-10.15: Meinrad Busslinger (IMP)** – Generation of a broad antibody repertoire by cohesin-mediated control of V(D)J recombination

**10.15-11.00: Diana Catarina Nunes Pinheiro (IMP)** – Building *pattern* and *form* during embryonic development

**11.00-11.30** – Coffee Break

**Session 1 ‘PostDocs & Q-Positions@Vetmeduni’** (Chair: Florian Grebien)

**11.30-12.00: Silvio Kau (Department 2)** – Tiny packages, big impacts - extracellular vesicles and their emerging role in medicine

**12.00-12.30: Camille Marie Gautier (Department 4)** – Modulation of testicular function in stallions: effects on behavior, semen characteristics and endocrine parameters

**12.30-13.00: Franziska Dengler (Department 1)** – Intestinal ischemia reperfusion injury in equine and human medicine: what can we learn from each other?

**13.00-13.30: Carlotta De Luca** – Host response to recombinant capsid proteins to prevent fowl adenovirus-induced diseases in chickens

**13.30-14.45** – Lunch Break

**Session 2 ‘Biophysics and Therapeutic Intervention’** (Chair: Birgit Strobl)

**14.45-15.15: Dea Slade (MedUni Vienna)** – Harnessing radiation and small molecule inhibitors to induce immunogenic response in pancreatic cancer

**15.15-15.45: Elvin de Araujo (University Toronto Mississauga)** – Biophysical and structural work of key players in autoimmunity, inflammation, infectious disease or cancer

**15.45-16.15** – Coffee Break (organized by ÖH Vetmeduni Vienna)

**Session 3 ‘Technology’** (Chair: Iwan Burgener)

**16.15-16.45: Helmut Dolznig (MedUni Vienna)** – Organoids & tumor microenvironment

**16.45-17.15: Michael Bergmann (MedUni Vienna)** – Interaction between therapy and tumor microenvironment in colorectal cancer

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

## **SECOND DAY, Wednesday 24.05.2022**

**9.50: Opening and Introduction** – Rectorate of Vetmeduni and organizers

**Session 4 ‘Extracellular Vesicles and Cellular Communication’** (Chair: Dieter Klein)

**10.00-10.30: Johannes Grillari (LBI Traumatologie & BOKU Wien)** – Janus faced EVs - potential diagnostic and therapeutic uses in tissue regeneration

**10.30-11.00: Viktoria Weber (Donau Uni Krems)** – Extracellular vesicles as mediators of immunothrombosis

**Session 5 ‘Advanced PhD Projects@Vetmeduni’** (Chair: PhD students)

**11.00-11.20: Astrid Digruber (Department 2)** – Characterization of a novel virulence factor of *Bacillus cereus*

**11.20-11.40: Georg Csukovich (Department 4)** – The World of Organoids: gastrointestinal disease modelling in the age of 3R and One Health

**11.40-12.00: Sara Miranda (Department 1)** – TYK2 and cutaneous *Candida albicans* infection

**12.00-13.15 – Lunch Break**

**Session 5 continued ‘Advanced PhD Projects@Vetmeduni’** (Chair: PhD students)

**13.15-13.35: Selina Tröster (Department 1)** – Epigenetic and transcriptional oncogenic programs in NUP98-fusion driven leukemia

**13.35-13.55: Tea Movsesijan (Department 3)** – Secondary metabolites in animal feed impact key microbes in the rumen

**13.55-14.15: Aila Fakhimahmadi (Department 5)** – New molecular approaches toward mold allergies, an increasing one health related problem

**Session 6 ‘Biomedical Industry’** (Chair: Anna Orłowa, Christine Ruckebauer)

**14.15-14.45: Mark Pearson (Boehringer Ingelheim)** – Translational research to develop new medications

**14.45-15.15: Patrick Gunning (Dunad Therapeutics/Dalriada)** – Medicinal chemistry: Targeting key molecules in cancer through warheads

**15.15-15.45 – Coffee Break**

**Closing Talks** (Chair: Mathias Müller)

**15.45-16.30: Sylvia Knapp (MedUni Vienna)** – Determinants of pulmonary immune-homeostasis

**16.30-17.15: Julius Brennecke (IMBA)** - Evolution of endogenous retroviruses in *Drosophila*

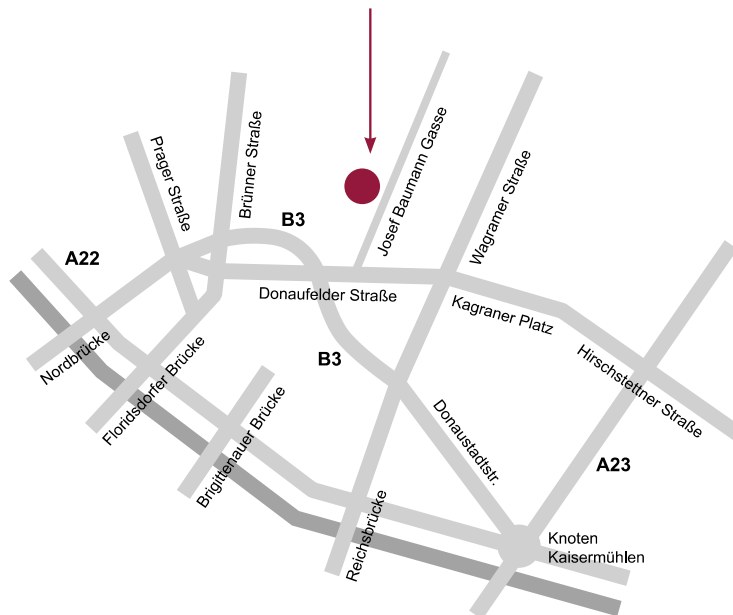
**Organizational Information:** Coffee & Lunch – Foyer of Banquet Hall; Chair persons and speakers please be in time

**Kindly sponsored by:**

Organizing Committee Members, ÖH Vetmeduni Vienna (Student's Unit); Rectorate of Vetmeduni Vienna; FWF SFB F61 JakStat Monarchies, Eppendorf



Arrival at the  
University of Veterinary Medicine, Vienna



**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 Kagraner 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.

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