

PROGRAM 34th VETPHARM-Symposium Berlin:

Thursday, 25. September 2025

12:15 Uhr **Registration & Imbiss**
(Foyer, Hörsaal Pferdeklinik)

13:15 Uhr **Welcome** Wolfgang Bäumer & Sonja Bröer (Berlin)

13:30-14:30 **Session 1: CNS pharmacology**
Chair: TBD

13:30-13:45 Prchal-Murphy M, Mehler S, Leiter I, Härtig W, Bankstahl JP, Lepenies B, Bankstahl M (Wien):
Persistent microglial activation, chronic behavioral changes, and pharmacoresistant electrographic seizures following cerebral malaria in mice

13:45-14:00 Golovkina Y, Stocker V, Zvejniece L, von Rüden E-L, Potschka H (München):
Preventive effects of Sigma-1 modulators in the intrahippocampal kainate mouse model of temporal lobe epilepsy

14:00-14:15 Zalpanow D, Feja M, Kotzur R, Stelz S, Garmer M, Moreno I, Prades R, Richter F (Hannover):
Characterization of neuroprotective effects mediated by prolyl endopeptidase-inhibitory compounds for the treatment of Parkinson's disease

14:15-14:30 Hünting D, Meller S, Twele F, Meyerhoff N, Bhatti S, Volk H, Charalambous M (Hannover):
Duration of adjunctive repetitive Transcranial Magnetic Stimulation (rTMS) therapy influences outcomes in dogs with drug resistant Idiopathic Epilepsy

14:30-15:15 **Session 2: 3R in pain research**
Chair: TBD

14:30-14:45 Parmar AR, Glasenapp A, Berndt V, Bankstahl JP, Schmitt K, Prchal-Murphy M, Filip T, Leenaars CH, Bankstahl M (Wien):
What evidence supports multimodal analgesia for post-operative pain in mice and rats? A systematic review in progress

14:45-15:00 Glasenapp A, Schmitt A, Bähre H, Bankstahl J, Bankstahl M (Wien):
Is subcutaneous metamizole a suitable option for analgesia refinement in rats? A comprehensive evaluation of pharmacokinetics, safety, and anti-nociceptive efficacy

15:00-15:15 Steiner S, Krzyzaniak O, Nilsson F, Dietrich M, Kämpfen L, Johansen P, Jirkof P, Urs Meyer U (Zürich):
The micropipet-drug-administration (MDA) method as a non-invasive alternative for oral treatments in laboratory rodents

15:15-16:15 Coffee break and Poster Walk, 5 min presentation of posters

16:15-16:45 Session 3: Mutagenesis - Cancer

Chair: TBD

16:15-16:30 Barfuss A, Fuchs D, Beebe E, Ech-Cherif H, Beer P, Zhang Q, Opitz L, Nolff M, Markkanen E (Zürich):
Defining the immune landscape of canine soft-tissue sarcoma: A single-cell transcriptomic atlas to benchmark immune cell deconvolution tools

16:30-16:45 Todirica L-A, Yancoskie MN; Kaya VÖ, Garajova Z, Adebali Ö, Naegeli H (Zürich):
Dynamic XPC-CTCF interplay coordinates nucleotide excision repair

16:45-17:15 Keynote lecture: Michael Hust (TU Braunschweig)
Development of monoclonal antibodies - the human and veterinary perspective

17:15 Guided tours on Campus Düppel

18:30 Evening event Veterinarium Progressum

Tagungsstätte des FB Veterinärmedizin, Campus Düppel,
Oertzenweg 19B, 14163 Berlin

PROGRAM: Friday, 26. September 2025

Hörsaal Pferdeklinik

9:00-10:00 Session 4: 3R *in vitro*

Chair: TBD

9:00-9:15 Lämmerhirt K, Haiber LK, Seeger B (Hannover):
Chronic pain in a dish: advancing quantitative tools for human-based pain modelling

9:15-9:30 Adams-Niedergeses C, Haiber LM, Kühne BA, Spänle A, Schertl P, Seeger B (Hannover):
PeriMyelinTox: Development of a human stem cell-based demyelination assay

9:30-9:45 Schriever F, Zipfel I, Hanstein S, Baums CG, Böttcher D, Abraham G (Leipzig):
Isolation and characterization of primary porcine epithelial cells (PBECS) and development of an In-vitro cell culture model for disease and drug research

9:45-10:00 Vaihinger A, Schoeller-John C, Zipfel I, Schrödl W, Abraham G (Leipzig):
Development of troponin T (cTnT) ELISA in turkey hearts to monitor animal health

10:00-10:15 Breuer J, Karakus E, Leiting S, Fühler B, Geyer J (Gießen):
LC-MS/MS analysis of intracrine DHEA formation in primary keratinocytes, adipocytes, macrophages, and fibroblasts from wild-type and Slc10a6^{-/-} knockout mice

10.15-10:45 Session 5: Veterinary pharmacokinetics/pharmacodynamics

Chair: TBD

10.15-10:30 Herrmann J, Meißner J, Wohlrab J (Hannover):
Topical application of a non-covalent keratine-delta-9-tetrahydrocannabinol-conjugate as a treatment for atopic dermatitis

10:30-10:45 Gerdes E, Ammer, H (München):
Pharmacodynamic basis of species-specific differences in opioid action

10:45-11.15 Coffee break and Poster Walk

11:15-12:00 Session 6: Regulatory/Pharmacovigilance
Chair: TBD

- 11:15-11:30 Tarillion M, Hertzsch R, Richter A (Leipzig):
Off-label use of antibiotics in small animal and equine medicine – a
Germany-wide anonymous online survey
- 11:30-11:45 Heilmann K., Siegl L, Hamann M, Geyer J (Gießen):
Does ivermectin sensitivity in finches really exist?
- 11:45-12:15 Keynote lecture: Wolf R, Tannert S (Berlin):
Veterinary pharmacovigilance in the EU - opportunities and challenges

Past and Future of the VetPharm-Symposium

- 12:15-12:30 Manfred Kietzmann** (formerly Hannover)
- 12:30 Poster Prize (awarded by Joachim Geyer) & Closing remarks**
Followed by Lunch/Snacks (Veterinarium Progressum)
- 13:15 „Hochschullehrer-Versammlung“** (Veterinarium Progressum, 1. OG)
- 14:30 End of Symposium**