

Sabine E. Hammer, MSc, PhD

E-mail: sabine.hammer@phylo-dat.net

Senior Scientist – Molecular Geneticist

Venia docendi (Habilitation) in Immunology

Institute of Immunology, Department of Pathobiology

University of Veterinary Medicine Vienna, Vienna – Austria



Biography

Dr. Hammer teaches and carries out research in the context of molecular immunology at the Institute of Immunology (University of Veterinary Medicine Vienna). One of her main interest focuses on the application of PCR-based MHC typing techniques in various pig lines to deepen the understanding of the architecture and polymorphism of the swine leukocyte antigen (SLA) system and their role in disease, vaccine and transplant responses. As vice-chair of the ISAG/IUIS-VIC SLA Nomenclature Committee (since 2010), she validates newly identified SLA sequences according to the guidelines established for maintaining high quality standards of the accepted sequences. She is a member of ISAG since 2008 and joined the Comparative MHC and Genetics of Immune Response and Disease Resistance steering committees in 2016.

As a founding member of the [European Canine Lymphoma Network \(ECLN\)](#) in 2009, she harmonizes analytical protocols and research strategies in canine hematopoietic tumours. Her research contributes to the establishment of molecular tools for tumour diagnostics in companion animals e.g., lymphocyte clonality testing in canine and feline lymphomas and *c-kit* somatic mutation analysis in canine mast cell tumours.

Since 2019, she serves as reviewing editor for the Comparative Immunology section at *Frontiers in Immunology*, and since 2023, she is member of the HLA (former Tissue Antigens) editorial board.

Detailed information can be found at the Research Information System '[VetDoc](#)' at the University of Veterinary Medicine Vienna (Vetmeduni Vienna). Publication records can also be accessed at the National Library of Medicine (National Center for Biotechnology Information – NCBI): [PubMed 2012-2014](#) (Sabine E. Essler and co-workers) and [PubMed 2005-2023](#) (Sabine E. Hammer⁶ and co-workers).