

## CURRICULUM VITAE

**PROF. DR. W. BAUMGÄRTNER, PH.D.**

Date of completion: May 2022

### Personal Record

**Name:** Wolfgang Baumgärtner

**Address: Private:**  
Kammergasse 10  
35410 Hungen-Obbornhofen

**Professional:**  
Department of Pathology  
University of Veterinary  
Medicine  
Bünteweg 17  
30559 Hannover, Germany  
Phone: +49(0)511 953 8620

email: wolfgang.baumgaertner@tiho-hannover.de

**Date and Place of Birth:** 20.07.1952, Offenbach/Main, Germany

### *Education and Career*

1972 – 1978	Studies of Veterinary Medicine at the Faculty of Veterinary Medicine; Justus-Liebig-University, Giessen, Germany
01.09.1979-30.06.1981	DAAD-Scholarship performed at the Department of Pathobiology of the Ohio State University, Columbus, Ohio, USA (Prof. Dr. A. Koestner) entitled: <i>In vivo und in vitro Eigenschaften eines Parainfluenza 2 Virus-Isolates vom Hund (in vivo and in vitro characteristics of a parainfluenza 2 virus from a dog)</i>
26.08.1981	Doctor of Veterinary Medicine (Dr. med. vet.)
1981-1983	Small animal practice
1983-1985	DFG (German research society, similar to NIH) research fellow (research project title: Morphological, virological and immunological alterations following persistent infection of canine distemper virus and canine parainfluenza 2 virus in the CNS in dogs) at the Department of Pathobiology, Ohio State University, Columbus, Ohio, USA. Submission of my Ph.D. thesis entitled: Mechanisms of <i>in vitro</i> persistence of two canine paramyxoviruses and <i>in vivo</i> neuropathogenicity of canine parainfluenza virus at OSU.
1985-1986	DFG-research fellow (research project title: Investigation of the structural virus proteins of persistent paramyxovirus infection in Vero cells) at the Institut für Veterinär-Pathologie, Justus-Liebig-University Giessen, Germany
13.06.1986	Doctor of Philosophy (Ph.D.) at the Ohio State University, Columbus, Ohio, USA
07.05.1987-06.05.1993	Hochschulassistent (assistant professor) at the Institute of Veterinary Pathology, Justus-Liebig-University Giessen, Germany

13.04.1988	Fachtierarzt für Pathologie (German Board Certification for Veterinary Pathology)
24.11.1993	Habilitation in General and Systemic Pathology of Veterinary Pathology at the Justus-Liebig-Universität Giessen, Germany
01.04.1995	Full professor for Veterinary Pathology (Immunopathology) at the Tierärztliche Hochschule Hannover, Germany
1995	Charter Member of the European College of Veterinary Pathologists
01.04.1996	Full professor for Veterinary Pathology at the Justus-Liebig-Universität Giessen, Germany
1997-2004	Member of the Examination Committee of the European College of Veterinary Pathologists
1999	In charge and responsible as leader of (molecular biological) biosafety laboratories according to § 6 Abs.4 GenTG
2001	Best Faculty Teacher Award of the Faculty of Veterinary Medicine of the Justus-Liebig-Universität, Giessen
01.03.2001-01.12.2003	Chairman of the Examination Committee of the European College of Veterinary Pathologists
01.01.2002	Head and Chair of the Department of Pathology of the University of Veterinary Medicine of Hannover (TiHo), Head of diagnostics and leader of the Research Unit: Neuropathology and Neuroimmunology
2002 – 2015, 2017-2022	Elected Senator of the University of Veterinary Medicine, Hannover (re-election every two years)
2003-2007	Vice-president, president and past-president of the European College of Veterinary Pathologists
2003	Chairperson of the examination committee for the "Fachtierarzt" approval in the field of veterinary pathology of the State of Lower Saxony
2003 till now	Co-organizer of Classical Examples in Toxicologic Pathology, an annual meeting in Hannover at the Department of Pathology of the TiHo, joined meeting of pathologists from industry and residents in pathology
2003 -2021	Chairperson of the Ph.D. program "Systems Neuroscience" at the TiHo
2005-2011	Elected national board member of the Deutsche Forschungsgemeinschaft (DFG. German Research Council)
2006 -2021	Chairperson of the Graduate School of the University of Veterinary Medicine, Hannover (TiHo)
2015 - 2021	President of the European Society of Veterinary Pathology
Since 2022	Past-president of the European Society of Veterinary Pathology

### ***Main Research area***

- Neuropathology, neuroimmunology, cell transplantation
- Pathogenesis of myelin loss (e.g., matrix-metalloproteinases etc) and remyelination using viral models (canine distemper virus and Theiler's murine encephalomyelitis virus) and toxic models (cuprizone feeding and ethidium

bromide injection) as well as spontaneously occurring diseases such as spinal cord injury in dogs following disk herniation

- Coronavirus research with special emphasis on MERS-CoV and SARS-CoV-2
- Canine oncology
- Virus discovery in domestic and wild life animals
- Marine mammal research and *C. burnetii* infection

**Publication** in peer-reviewed journals: 561

**Presentations:** 602

**Books and book chapters:** Editor and Co-editor of the 3 major German text books on Systemic Pathology, General pathology and Histopathology; authors of numerous book chapters

**Supervisor of doctoral or PhD thesis:** 103

***Referee and editorial board member/adviser in numerous journals and foundations***

### ***Major Awards***

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| 2018 | Honoris et Gratitude Medal by the University of Agriculture Sciences and Veterinary Medicine of Cluj-Napoca, Romania |
| 2017 | Gopinath Award by the British Society of Toxicological Pathology   |
| 2014 | Journal of Comparative Pathology Plenary Lecturship Award 2014   |
| 2011 | Honorary Member of the American College of Veterinary Pathologists   |
| 2001 | Best Teacher Award (from Veterinary Students) at JLU-Giessen   |
| 1990 | Pfizer Research Award  |

***Numerous approved grants***