

## **PRIV.-DOZ. DI DR. CLAUDIA KUNTNER-HANNES (formerly Claudia Kuntner)**

Medical University Vienna, Department of Biomedical Imaging and Image-guided Therapy, 1090 Vienna, Spitalgasse 13, Austria

Web: <https://www.meduniwien.ac.at>; E-Mail: [claudia.kuntner-hannes@meduniwien.ac.at](mailto:claudia.kuntner-hannes@meduniwien.ac.at)

### **Research interests**

Preclinical imaging using microPET/CT and microPET/MRI, quantitative image data analysis, image fusion, pharmacokinetic modeling, standardization of preclinical imaging procedures and protocols

### **Education and career history**

2021-	Assistant Professor related to the Medical Imaging Cluster (MIC), Department of Biomedical Imaging and Image-guided Therapy, Medical University Vienna, Vienna
2015-2020	Senior Scientist, AIT Austrian Institute of Technology GmbH, Seibersdorf
2009-2014	Senior Scientist and Group leader, AIT Austrian Institute of Technology GmbH, Seibersdorf
2011	Postdoctoral thesis (Habilitation) at the Medical University of Vienna
2004-2009	Group leader, Austrian Research Centers GmbH – ARC, Seibersdorf
2003-2004	PostDoc position, CERN, Geneva, Switzerland
2000-2003	Doctoral Student at the Vienna University of Technology and at CERN
1994-2000	Studies of Technical Physics at the Vienna University of Technology

### **Career breaks**

May 2016 – May 2017 Maternity leave

June 2014 – June 2015 Maternity leave

### **Editorial board**

Associate Editor for *Frontiers in Physics*, *Frontiers in Physiology: Medical Physics and Imaging*

### **Publications (selection)** (h-index: 25, 65 full papers, 3 reviews, 2 book chapter, 1 book editor)

- [1] Filip T, ..., Kuntner C. Characterization of an APP/tau rat model of Alzheimer's disease by positron emission tomography and immunofluorescent labeling. *Alzheimers Res Ther*. 2021 Oct 16;13(1):175 (2021)
- [2] Kuntner C, et al. Dose-response assessment of tariquidar and elacridar and regional quantification of P-glycoprotein inhibition at the rat blood-brain barrier using (R)-[11C]verapamil PET. *Eur J Nucl Med Mol Imaging* 37(5):942-953 (2010)
- [3] Kuntner-Hannes C, Haemisch Y. (Editors). *Image Fusion in Preclinical Applications*. Springer International Publishing (2019) DOI 10.1007/978-3-030-02973-9, ISBN 978-3-030-02973-9

### **Talks**

24 invited presentations and ~100 presentations at national and international meetings

### **Ad hoc reviewer (selection)**

Journals (JNM, MedPhys, JNeuroSci), conferences (WMIC, EMIM), funding agencies (EU H2020)