

## **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 Parental leave

June 2014 – June 2015 Parental leave

### **Roles and Responsibilities of Editorial Boards and Societies**

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

Member of the ESMI Council, European Society for Molecular Imaging (ESMI)

### **Publications (selection)** (h-index: 28, 80 full papers, 3 reviews, 3 book chapter, 1 book editor)

- [1] Zachhuber L, ..., Kuntner C. Characterization of a Syngeneic Orthotopic Model of Cholangiocarcinoma by [<sup>18</sup>F]FDG-PET/MRI. *Cancers (Basel)* 2024; 16 20240719. DOI: 10.3390/cancers16142591.
- [2] 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; 13: 175. 2021/10/18. DOI: 10.1186/s13195-021-00916-2
- [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**

30 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)