

## Georg Winterer, MD, PhD

[www.pi-pharmaimage.com](http://www.pi-pharmaimage.com)

<https://anaesthesieintensivmedizin.charite.de/en/forschung/arbeitsgruppen/neuroimaging/>

### Current Positions:

- Chief Executive Officer, Pharmaimage Biomarker Solutions GmbH Berlin, Germany
- President, Pharmaimage Biomarker Solutions Inc. Boston, USA
- Associate Professor, Charité – University Medicine Berlin, Director of Neuroimaging Research Group, Dept. of Anesthesiology and Intensive Care Medicine at the Experimental & Clinical Research Center (interdisciplinary translational research facility of the Charité, the Helmholtz Institute Max-Delbrück Center (MDC) and the Berlin Institute of Health (BIH), Berlin, Germany

### Former Positions/Qualifications:

- 2009-2012 Director, Translational Neuroscience Group, Cologne Center for Genomics (CCG), University of Cologne, Cologne Germany/ Inst. of Neurosciences & Biophysics, Helmholtz Research Center Jülich, Germany
- 2006-2009 Full Professor of Psychiatry, Clinical Director/Head of Neuroimaging Research Group, Dept. of Psychiatry, Univ. of Düsseldorf, Germany/Inst. of Neurosciences & Biophysics, Helmholtz Research Center Jülich, Germany
- 2003-2005 Attending Psychiatrist, Director of Neuroimaging Group, Dept. of Psychiatry, Univ. of Mainz, Germany
- 1998-2003 Clinical Research Fellow (Fogarty Stipend, US government employee), National Institute of Mental Health (NIMH/NIH), Clinical Brain Disorders Branch, National Institute of Alcohol Abuse & Alcoholism, Neurogenetics Laboratory (Bethesda, USA): Clin. Genetics, MR Imaging, Electrophysiology.
- 2001 Habilitation (PhD-equivalent): Clin. Neuroscience, Free Univ. Berlin, Germany
- 1990-1999 Consultant/Study Physician Parexel Berlin/Washington DC, Clinical Phase-I/II.
- 1997/2000 ECFMG certificate/USMLE-step 3 USA (incl. 2 years residency at NIH)
- 1995-1998 Postdoc, Lab. of Psychophysiology incl. Pharmaco-EEG/Sleep Laboratory, Dept. of Psychiatry, Free Univ. Berlin, Germany
- 1995/1997 Board certificate: Psychiatry/Psychotherapy
- 1992 Board Certificate: Clinical Electrophysiology (with teaching permission 1994)
- 1991 Doctoral Thesis (Medical Psychology)
- 1990-1997 Residency: Neurology, Intensive Care Medicine/Emergency Medicine, Clinical Neurophysiology, Psychiatry (Dept. of Neurology, Psychiatry, Free Univ. Berlin; District Hospital Brandenburg).
- 1989 Licence to practice medicine (Berlin/Brandenburg, Germany)
- 1981-1989 Student of Medicine/Philosophy, Free University of Berlin, Germany.

### Academia & Business

During my entire career, I was both active in academia (clinical research/clinical care) and also in clinical drug development (private business). **Academic research:** During my earlier years, I was primarily dedicated to addiction/schizophrenia research (electrophysiology, neuroimaging, pharmacology, genetics). More recently, my focus partly shifted to cognitive decline/neurodegeneration in the critically ill elderly patients (dementia). I am the coordinator of two large national/international research consortia ([www.biocog.eu](http://www.biocog.eu); [www.nicotine-research.com](http://www.nicotine-research.com)). **Business:** Since the early 90ies, I was working in parallel as a study physician/consultant (CNS phase-I/II studies) for the clinical research organization (CRO) Parexel Berlin. 2005, I started my own CRO business (Pharmaimage), providing services (electrophysiology, neuroimaging) to pharmaceutical companies and CROs worldwide. Pharmaimage is also conducting own R&D (R&D intensity: 20% of revenues), currently developing pattern recognition tools (machine learning) for classifying treatment outcome incl. neuroimaging and biomarker signatures.