

PD Dr. med. Philipp D. Capetian

Current Position

Senior Consultant, head of the Neurological ICU and DBS outpatient clinic at the Department of Neurology, University of Würzburg (head: Prof. Dr. J. Volkmann)

Clinical Focus

Diagnosis and therapy of movement disorders. Deep brain stimulation. Neurological intensive care medicine. Botulinum toxin therapy in dystonia and spasticity.

Research Focus

Directional DBS. New programming algorithms in DBS. Direct neural reprogramming. Directed differentiation of iPSC to striatal cell types (medium spiny neurons, cholinergic interneurons). In vitro models of dystonia. Synaptic function of torsinA.

Clinical Training

10/01 – 11/08	Studies of medicine at the University of Freiburg
11/08	Licence to practice medicine (Approbation)
01/09 – 01/11	Resident at the Department of Stereotactic and Functional Neurosurgery University Medical Center Freiburg, Germany (head: Prof. Dr. G. Nikkhah)
02/11 – 03/12	Resident at the Department of Neurology University Medical Center Freiburg, Germany (head: Prof. Dr. C. Weiller)
04/12 – 01/17	Resident at the Department of Neurology, University Hospital Schleswig-Holstein, Campus Lübeck, Germany (head: Prof. Dr. T. Münte)
07/15 – 06/16	Resident at the Centre for Integrative Psychiatry Lübeck (ZiP) (head: Prof. F. Hohagen)
05/16	Board certification for electromyography (DGKN)
11/16	Board certification for neurology („Facharzt für Neurologie“)
02/17 – 02/19	Department of Neurology, University of Würzburg (head: Prof. J. Volkmann). Specialty training for intensive care medicine („Zusatzbezeichnung Intensivmedizin“), fellowship for deep brain stimulationsince
03/19 since 02/21	Consultant, head of the DBS outpatient clinic Senior Consultant, head of the Neurological Intensive Care Unit

Scientific Training

09/04 – 06/09	Medical thesis at the Department of Neuropathology University Medical Center Freiburg, Germany (head: Prof. Dr. B Volk).Title: “Histological findings on fetal striatal grafts in a Huntington’s disease patient early after transplantation.” (summa cum laude)
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- 01/09 – 03/12 Clinician scientist, Laboratory for Molecular Neurosurgery,
Department of Stereotactic and Functional Neurosurgery
University Medical Center Freiburg, Germany
(head: Prof. Dr. G. Nikkhah)
- 09/10 – 11/10 Visiting scientist, Mc Lean Hospital, Belmont, Massachusetts,
USA (laboratory head: Kai C. Sonntag)
- 04/12 – 01/17 Postdoctoral fellow and clinician scientist, Institute of
Neurogenetics (University of Lübeck) (head: Prof. Dr. C. Klein)
- since 02/17 Research Group leader „Cellular Models of Dystonia“.
Department of Neurology, University of Würzburg, (head: Prof.
Dr. J. Volkmann)
- since 04/22 Assistant Professor of Neurology (Privatdozent)