

„it's good to know, it's BeST to simulate“

#### SCIENTIFIC DIRECTOR

**Prof. Dr. Peter A. Winkler**

#### LOCAL HOST

**Prof. Dr. Peter Vajkoczy**

#### HONORED LECTURERS

**Prof. Dr. med. François Alesch**

Universitätsklinik für Neurochirurgie, Vienna, Austria

**Prof. Dr. Michael Bruneau**

Brussels, Department of Neurosurgery,  
Vrije Universiteit Brussel, Belgium

**Assoc. Prof. Dr. Pau Capilla-Guasch**

Servicio de Neurocirurgia,  
Hospital Clin. Universit. de Valencia, Spain

**Prof. Florian Ebner**

Department of Neurosurgery - Krupp-Krankenhaus Essen

**Prof. Dr. Kartik G. Krishnan**

Neurosurgery, Frankfurt

**Prof. Dr. Andreas Raabe**

Department of Neurosurgery at the Inselspital,  
Bern University Hospital

#### FACULTY | CHARITÉ - UNIVERSITÄTSMEDIZIN BERLIN, NEUROSURGERY

**PD Dr. Thomas Jöns**

Professor of Anatomy and Head of the  
Berlin Simulation- and Training Center (BeST-CAT)

**Prof. Dr. Thomas Picht**

Professor of Digital Neurosurgery

**Prof. Dr. Peter Vajkoczy**

Professor and Chairman

**Prof. Dr. Peter A. Winkler**

Em. Professor and Chairman, Visiting Professor Researcher

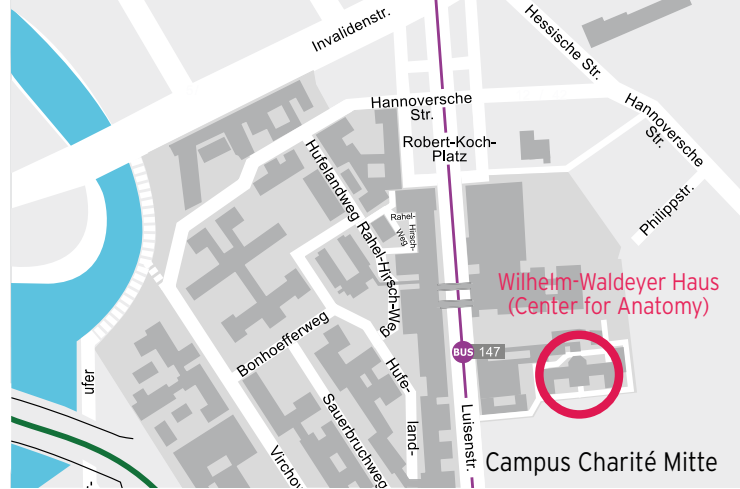
#### TUTORS

PD Dr. Katharina Faust, PD Dr. Nils Hecht, Dr. Martin Misch,  
PD Dr. Julia Onken (Charité - Universitätsmedizin Berlin,  
Neurosurgery)

Dr. Torsten Weiß (BeST-CAT)

Stefan Lieber (Paris Hospital Lariboisiere Service de  
Neurochirurgie)

PD Dr. Ottavio Santino Tomasi (Salzburg Paracelsus  
University Department of Neurosurgery)



#### VENUE

Dissection Hall and Seminar Room  
BeST-CAT at the Campus Charité Mitte  
Wilhelm-Waldeyer Haus (Center for Anatomy)  
Philippsstraße 11, 10115 Berlin

#### ARRIVAL

##### with Public Transport

S+U Berlin-Hauptbahnhof (S5/S7/S9/S75)

U Naturkundemuseum (U6)

U Oranienburger Tor (U6)

S+U Friedrichstr. (S1/S2/S5/S7/S9/S75/U6)

If you arrive by public transport we recommend  
for further planning:

[www.bvg.de](http://www.bvg.de)

Parking spaces in Berlin-Mitte are rare.

#### ORGANIZER

Charité - Universitätsmedizin Berlin  
Berlin Simulation- and Training Center  
Philippsstraße 11, 10115 Berlin  
Contact: Caroline Meder-Liegle  
Tel. +49 30 450 528 266  
Fax +49 30 450 7 528 933

#### REGISTRATION

E-Mail: [best-cat@charite.de](mailto:best-cat@charite.de)

Internet: [best.charite.de](http://best.charite.de)

Maximum number of participants: 30

**Fee: 950 € per participant**



## Berlin Simulation- and Training Center

# 1<sup>st</sup> Comprehensive Berlin Anatomy Course Anatomical Basics for Neurosurgery

2022  
November 18 - 20

Dear young Neurosurgeons, dear Colleagues,  
 We would like to invite you to our first hands-on course „Anatomical Basics of Neurosurgery“, which will be held at the Berlin Simulation and Training Center (BeST) of the Charité University Hospital from November 18 to 20, 2022. Based on a novel concept, the course aims to combine complex neuroanatomical theory with hands-on exploration in a comprehensive three-day microsurgical neuroanatomical training program. Prof. Dr. Peter A. Winkler's successful Salzburg Anatomy Course with human specimens will be combined with 4k3D presentation technology and a revolutionary new fixation technique, that permits a real and comprehensive exploration of the neuroanatomical structures also after craniotomy and dural opening.  
 We wish you instructive and interesting days with us in November 2022 in Berlin!

## FRIDAY, NOVEMBER 18, 2022

08:00 - 08:45 am

**Registration and Welcome Reception**

08:45 - 09:00 am

Introduction *Prof. Dr. Peter Vajkoczy, Chairman*  
 Opening *Prof. Dr. Peter A. Winkler, Course Director*

09:00 - 10:00 am

**A Craniocerebral Topography of Hemispheres and Lateral Ventricles**

Lecture and Hands-on *Peter A. Winkler*

10:00 - 11:00 am

**B Pterional Approach to the Sylvian Fissure and Basal Cisterns**

Lecture and Hands-on *Peter Vajkoczy, Peter A. Winkler*

11:00 - 12:00 am

**C Splitting of the Sylvian Fissure - the Way to the Carotid Artery**

Lecture and Hands-on *Andreas Raabe*

12:00 - 01:00 pm Lunch

01:00 - 03:00 pm

**D Functional Anatomy of White Matter and Tracts**

Lecture and Anatomical Demonstration  
*Peter A. Winkler, Thomas Picht*

03:00 - 05:00 pm

**E Functional Anatomy of the Basal Ganglia**

Lecture and Hands-on with Brain Atlases  
*François Alesch, Peter A. Winkler*

05:00 pm

Evening at Leisure in Berlin

## SATURDAY, NOVEMBER 19, 2022

08:00 - 09:00 am

**F Skull Base and Related Structures**

Lecture and Anatomical 3D-Demonstration  
*Peter A. Winkler*

09:00 - 12:00 am

**G Brainstem and Related Approaches**

Lecture and Hands-on  
*Michael Bruneau, Pau Capilla-Guasch, Peter A. Winkler*

12:00 - 01:00 pm Lunch

01:00 - 03:00 pm

**H Approaches to Midline Structures and III. Ventricle**

Lecture and Hands-on: Interhemispheric Dissection, Callosotomy, Visualization of Structures in and around the III. Ventricle and of the Lateral Ventricles  
*Peter A. Winkler*

03:00 - 04:30 pm

**I Cerebellum and Related Approaches**

Lecture and Hands-on *Peter A. Winkler*

04:30 - 05:00 pm Break

05:00 - 07:00 pm

**J Temporomesial Region and Related Approaches**

Lecture and Hands-on: Visualization of the Different Approaches to the Temporomesial Region and Study of the Anatomy around the Brain Stem  
 Lecture and Hands-on *Peter A. Winkler and Peter Vajkoczy*

08:00 pm

Working Dinner together in Berlin - Place: t.b.a.

## SUNDAY, NOVEMBER 20, 2022

08:00 - 09:30 am

**K Cerebral Venous System and Surgical Implications**

Lecture and Anatomical Demonstration  
*F. Ebner, Peter A. Winkler*

09:30 - 11:00 am

**L Parietooccipital Region and Atrium Ventriculi**

*Pau Capilla-Guasch, Peter A. Winkler*

11:00 - 11:30 am Break

11:30 - 1:00 pm

**M Supra- and infratentorial Exploration of the Pineal Region**

Lecture and Hands-on with Participant Dissection  
*Pau Capilla-Guasch, Peter A. Winkler*

01:00 - 01:30 pm

**N Recalcitrant Wound healing Problems and Exophytic Brain Tumours - A Reconstruction Algorithm**

Lecture and Anatomical Demonstration  
*Kartik G. Krishnan*

01:30 - 02:00 pm

End, Course Evaluation, Certificates and Farewell