

Sep. 22th

Session 7

10:00 – 10:30	<b>Molecular imaging in assessment of brain age</b> Prof. Sung-Cheng Huang, Dept. Molecular and Medical Pharmacology, David Geffen School of Medicine at UCLA
10:30 – 11:00	<b>Pathophysiology of cerebral ischemia</b> Prof. Wolf-Dieter Heiss, Max-Planck-Institute for Neurological Research
11:00 – 11:30	<b>Combined PET imaging of brain disorders</b> Prof. Xiaoli Zhang, Dept. Nuclear Medicine, Anzhen Hospital Chinese Academy of Medical Sciences (CAMS)
11:30 – 11:45	Coffee break
11:45 – 12:15	<b>Tracer development for Alzheimer's and Parkinson's disease</b> PD Dr. Behrooz Yousefi, Dept. Nuclear Medicine, Technical University of Munich
12:15 – 12:45	<b>PET imaging in obsessive-compulsive disorder</b> Associate Prof. Zhifang Wu, Dept. Nuclear Medicine, First Hospital of Shanxi Medical University
12:45 – 13:15	<b>Blood assays for the early and preclinical diagnosis of Alzheimer's dementia: A prerequisite for biomarker stratified preventive therapies</b> Prof. Jens Wiltfang, Dept. Psychiatry, University of Göttingen
13:15 – 13:30	Closing remarks
13:30 – 14:30	Lunch
	<b>Social activity</b>
14:40	Departure to the hotel
16:00	Meeting in front of the hotel for departure to the Oktoberfest
16:15	Departure to Munich
21:30	Meeting for the departure to the hotel
22:00	Departure to the hotel

Finanziell unterstützt wird dieses Symposium durch die Fördermittel des Chinesisch-Deutschen Zentrums für Wissenschaftsförderung.

Chinesisch-Deutsches Zentrum für Wissenschaftsförderung

中德科学中心

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Life Molecular Imaging

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Klinikum rechts der Isar  
Technical University Munich

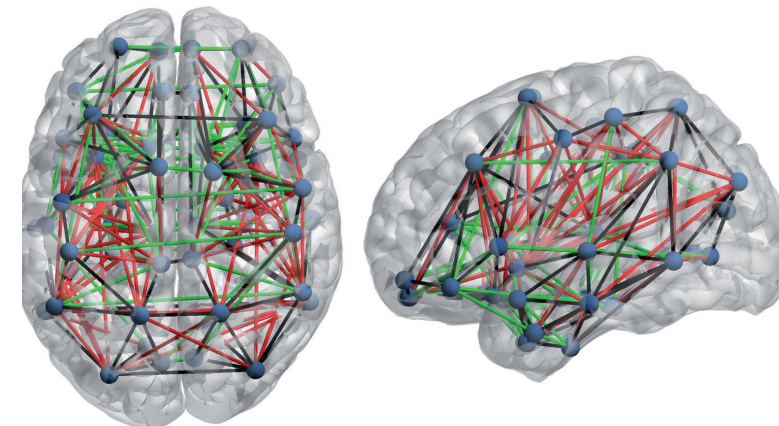


PROGRAM

# Molecular Imaging for Precision Medicine in Brain-associated Disorders

Supported by the Sino-German Center for Research Promotion

Sep. 20th – 22th, 2018  
Burghausen near Munich, Germany  
<https://www.raitenhaslach.tum.de/en/home>



## Sep. 20th

12:00 – 14:00	Registration
13:00 – 14:00	Lunch
14:00 – 14:30	<b>Opening</b> Prof. Markus Schwaiger Technical University Munich Prof. Qiang Ding Huashan Hospital, Fudan University Prof. Wolfgang Weber Technical University Munich Prof. Yihui Guan Huashan Hospital, Fudan University
	<b>Session 1</b>
14:30 – 15:00	<b>Multimodal Imaging in China</b> Prof. Jie Tian, Institute of Automation, Chinese Academy of Sciences
15:00 – 15:30	<b>Nuclear Medicine in China</b> Prof. Yaming Li, Dept. Nuclear Medicine, The First Affiliated Hospital of China Medical University
15:30 – 15:45	Coffee break
	<b>Session 2</b>
15:45 – 16:15	<b>The choice of therapeutic method and the role of hybrid surgery in dural arteriovenous fistulae at the craniocervical junction</b> Associate Prof. G. Chen, Dept. Neurosurgery, Huashan Hospital, Fudan University
16:15 – 16:45	<b>Molecular imaging in brain tumors</b> Prof. Christian La Fougère, Dept. Nuclear Medicine, University of Tübingen
16:45 – 17:15	<b>Comparison of FET PET and advanced MRI in brain tumors</b> Prof. Langen, Forschungszentrum Jülich / Institute for Neuroscience and Medicine
18:00 – 20:30	Dinner

## Sep. 21th

### Session 3: Dementing disorders

09:00 – 09:30	<b>Metabolic topology of neurodegenerative disorders: Influence of cognitive and motor deficits</b> Prof. Thilo van Eimeren, Dept. Nuclear Medicine, University of Cologne
09:30 – 10:00	<b>Disrupted network topology in patients with Lewy body dementia</b> Prof. Jiehui Jiang, Biomedical image processing and data analysis center, Shanghai University
10:00 – 10:30	<b>Tau and neuroinflammation imaging in Alzheimer's disease - from bench to bedside</b> Prof. Axel Rominger, Dept. Nuclear Medicine, University of Bern
10:30 – 11:00	<b>The amyloid drainage hypothesis of Alzheimer's disease: insights from neuroimaging</b> PD Dr. Timo Grimmer, Dept. Psychiatry and Psychotherapy, Technical University of Munich
11:00 – 11:15	Coffee break
	<b>Session 4: Combined PET/MRI</b>
11:15 – 11:45	<b>Technology of simultaneous PET/MRI</b> Prof. Sibylle Ziegler, Dept. Nuclear Medicine, Ludwig-Maximilians-University of Munich
11:45 – 12:15	<b>Brain PET/MRI in China</b> Prof. Xiaoli Lan, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology
12:15 – 12:45	<b>PET/MRI in dementia and stroke imaging</b> Prof. Osama Sabri, Dept. Nuclear Medicine, University of Leipzig
12:45 – 14:00	Lunch

14:00 – 14:30

### Session 5: Advanced image analyses

14:00 – 14:30	<b>The pitfalls of radiomics and machine learning analysis (and solutions thereof) in multimodal imaging</b> Dr. Mattieu Hatt, French Institute of Health and Medical Research   Inserm · LaTIM INSERM UMR 1101
14:30 – 15:00	<b>Metabolic connectivity imaging: methods and applications</b> Dr. Igor Yakushev, Dept. Nuclear Medicine, Technical University of Munich
15:00 – 15:30	<b>Deep learning for medical imaging applications</b> Prof. Nassir Navab, Dept. Computer Science, Technical University of Munich
15:30 – 16:00	<b>Deep learning for the differential diagnosis of parkinsonism</b> PD Dr. Kuangyu Shi, Dept. Computer Science, Technical University of Munich
16:00 – 16:15	Coffee break
	<b>Session 6: Movement disorders</b>
16:15 – 16:45	<b>Differential diagnosis of parkinsonism with PET and SPECT</b> Prof. Philipp Meyer, Dept. Nuclear Medicine, University of Freiburg
16:45 – 17:15	<b>PET imaging in Parkinson's disease clinical perspective</b> Prof. Jian Wang, Dept. Neurology, Huashan Hospital, Fudan University
17:15 – 17:45	<b>Imaging biomarkers of the REM sleep behavior disorder</b> Prof. Wolfgang Oertel, Dept. Neurology, Philipps University, Marburg
17:45 – 18:15	<b>Imaging for the diagnosis of movement disorders</b> Prof. Günter Högl, Inst. for Translational Neurodegeneration, German Center for Neurodegenerative Diseases
18:15-20:30	Dinner