

## DGN-Summer School 2025

The DGN Medical Education Committee under the auspices of the German Society of Nuclear Medicine (DGN e. V.) offers the annual "DGN-Summer School".

This successful and popular format of promoting young academics in the field of nuclear medicine was held in 2014 for the first time and is now a well-established landmark course of the DGN.

Grants are available for up to 24 medical students, doctoral candidates and young academics.

The "DGN-Summer School 2025" will take place under the scientific direction of Prof. Dr. Winfried Brenner, Prof. Dr. Martin Gotthardt, MS Sara Kaur, Prof. Dr. Felix Mottaghy and Dr. Conrad-Amadeus Voltin at the Charité - University Medicine Berlin, Germany.

### Application

Please send your CV, a letter of motivation and a letter of reference from your supervisor by e-mail to:

[Anja.reichstein@kukm.de](mailto:Anja.reichstein@kukm.de)

Your application is possible in German or English.

**The application period ends on May 18, 2025.**

## DGN Summer School 2025

### Translational Research in Molecular Imaging and Radionuclide Therapy

**Place:** Charité – Universitätsmedizin Berlin, Campus Virchow-Klinikum (CVK),  
Augustenburger Platz 1, 13353 Berlin, Germany  
on campus: Klinik für Nuklearmedizin, Altes Röntgenhaus, Südstraße 3  
off campus: Hotel MOA Berlin, Stephanstraße 41, 10559 Berlin

**Date:** August 27 - 30, 2025

<b>Wednesday, August 27</b>		
18.00	<i>Dinner: Restaurant Arema</i>	
18.00-18.15	<i>Welcome</i>	Brenner, Gotthardt, Kaur, Mottaghy, Voltin
18.15-22.00	Introduction of all Participants (1 page each) & Dinner with Tables Rotation	All together
<b>Thursday, August 28: Theranostics</b>		
9.00-9.45	Introduction: DGN Summer School 2025 (15 min) Introduction – Faculty (5 min each) Theranostics – Overview	Winfried Brenner Susanne Lütje, Andreas Maurer, Johannes Notni Johannes Notni
09.45-10.00	<i>Coffee Break</i>	
10.00-11.30	Break-out Sessions Radiochemistry In vitro/in vivo characterization From first-in-human to drug approval	Andreas Maurer Susanne Lütje Johannes Notni
11.30-11.45	<i>Coffee Break</i>	
11.45-12.15	Presentation of Results, Discussion	All together
12.15-12.45	Theranostics: Summary	Conrad-Amadeus Voltin
12.45-13.00	Industry Pitches (max. 2x 5 min) & Discussion	
13.00-14.00	<i>Lunch</i>	

14.30-16.00	<p>Hands-on:</p> <p>Preclinical Imaging (infrastructure, prerequisites, 3R principles, animal models)</p> <p>Radiochemistry (Ga-generator, diagnostics, therapeutics, cyclotron)</p> <p>Clinical Imaging (SPECT/CT, PET/CT, PET/MRT)</p>	<p>Nicola Beindorff</p> <p>Guilhem Claude</p> <p>Julian Rogasch</p>
16:00-16.30	<i>Coffee break</i>	
16.30-18.00	<p>Hands-on:</p> <p>Preclinical Imaging (infrastructure, prerequisites, 3R principles, animal models)</p> <p>Radiochemistry (Ga-generator, diagnostics, therapeutics, cyclotron)</p> <p>Clinical Imaging (SPECT/CT, PET/CT, PET/MRT)</p>	<p>Nicola Beindorff</p> <p>Guilhem Claude</p> <p>Julian Rogasch</p>
19.30	<i>Restaurant Paulaner im Spreebogen – including industry members</i>	
<p><b>Friday, August 29: Artificial Intelligence</b></p>		
9.00-10.30	<p>Introduction: AI in Nuclear Medicine – Status quo and Use Cases</p> <ul style="list-style-type: none"> <li>• Mentimeter/Slido: Prior experience and knowledge</li> <li>• Imaging and dosimetry</li> <li>• Prognostic models and clinical decision-making</li> <li>• Grouping by ChatGPT</li> </ul>	<p>all together</p> <p>Johannes Tran-Gia</p> <p>Julian Rogasch</p> <p>Lalith Kumar Shiyam</p> <p>all together</p>
10.30-11.00	<i>Coffee Break</i>	
11.00-12.00	<p>Breakout Session</p> <ul style="list-style-type: none"> <li>• AI in research and teaching</li> <li>• Personalized diagnostics and treatment</li> <li>• AI in Nuclear Medicine: Best Practices</li> </ul>	<p>Moderation</p> <p>Johannes Tran-Gia</p> <p>Lalith Kumar Shiyam</p> <p>Julian Rogasch</p>
12.00-13.00	<i>Lunch</i>	

13.00-14.00	Industry Pitches (max. 3x 5 min) Presentation and Discussion of Results Mentimeter/Slido: Gain of knowledge!?	NN Moderation: Kumar Shiyam, Rogasch, Tran-Gia
14:30-16.00	Hands-on:  Preclinical Imaging (infrastructure, prerequisites, 3R principles, animal models)  Radiochemistry (Ga-generator, diagnostics, therapeutics, cyclotron)  Clinical Imaging (SPECT/CT, PET/CT, PET/MRT)	Nicola Beindorff  Guilhem Claude  Julian Rogasch
16.00-16:30	<i>Coffee break</i>	
16:30-18.00	Hands-on:  Dosimetry, SIRT  Radionuclide Therapy Ward	Paul Herzler  W. Brenner/ Jonas Kaufmann
18.00-20.00	<i>Dinner Buffett – including industry members</i>	
<b>Saturday, August 30: Leadership and Teamwork</b>		
9.00-9.45	DFG: Grant possibilities in Germany	Sibylle Ziegler
9.45-10.00	Leadership in Academic Medicine – the importance of motivation and creativity	Martin Gotthardt
10.00-11.00	Breakout Session – 3 groups: Why do people leave their jobs?	Martin Gotthardt
11.00-11.30	<i>Coffee break</i>	
11.30-12.15	Presentation and Discussion of Results	
12.15-12.45	Leadership in Academic Medicine: you choose whether people stay or leave!	Martin Gotthardt
12.45-13.45	Feedback Summer School & <i>Lunch Boxes</i>	All together
13.45-14.00	Farewell - End of Summer School	Brenner, Gotthardt, Kaur, Mottaghy, Voltin