



6.000,00 €



5.000,00 €



4.000,00 €



4.000,00 €



4.000,00 €



1.000,00 €



1.000,00 €



1.000,00 €



750,00 €



500,00 €

### SCIENTIFIC CHAIRS

Prof. Dr. Winfried Brenner, Berlin  
 Prof. Dr. Martin Gotthardt, Nijmegen  
 Prof. Dr. Felix M. Mottaghy, Aachen

### CONGRESS HOST & ORGANIZATION

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 Nikolaistraße 29  
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 E-Mail: [projekt@nuk-interaktion.de](mailto:projekt@nuk-interaktion.de)

### HOMEPAGE

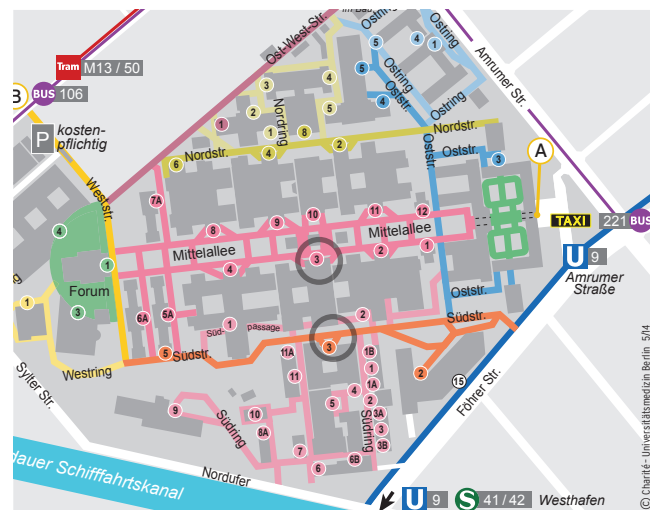
You can find further information about the Summer School 2023 online on our [website](#)

### APPLICATION

Grants are available for up to 30 medical students, doctoral candidates and young academics. The number of participants is limited. To apply for participation, please submit a CV, a letter of motivation and a letter of recommendation by email to [projekt@nuk-interaktion.de](mailto:projekt@nuk-interaktion.de). The scientific committee will review the application materials and inform applicants about participation.

### VENUE

Charité – Universitätsmedizin Berlin



Charité –  
 Universitätsmedizin Berlin  
 Campus Virchow-Klinikum (CVK)  
 Augustenburger Platz 1  
 13353 Berlin

on campus:  
 Klinik für Nuklearmedizin  
 Altes Röntgenhaus  
 Südstraße 3



The DGN Medical Education Committee under the auspices of the German Society of Nuclear Medicine (DGN) offers an annual “DGN-Summer School” for promoting young academics in the field of nuclear medicine.

The target audience of the DGN-Summer School are excellent medical students, medical doctoral students, and young academics during their first years of professional education in (nuclear) medicine, medical physics, and (radio) chemistry who are interested in nuclear medicine and molecular imaging. The goal is to get these persons engaged in nuclear medicine, to integrate them into research activities, and to encourage a long-term career in nuclear medicine and connected fields.

The DGN-Summer School will be organised as an international training course in English which will be promoted in Germany as well as internationally. A maximum of 30 participants will actively work on specific themes in lectures, round-table discussions, case studies, and hands-on presentations in order to learn about the different aspects of the respective topic in detail on a profound scientific level. Social events in the evening complement the scientific program encouraging further exchange and stimulating discussions between the participants and their tutors.

Prof. Dr. Winfried Brenner  
 Prof. Dr. Martin Gotthardt  
 Prof. Dr. Felix M. Mottaghy

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Charité – Universitätsmedizin Berlin



## Translational Research in Molecular Imaging and Radionuclide Therapy

August 24 – 26, 2023



Deutsche Gesellschaft  
 für Nuklearmedizin e.V.

NuklearMedizin  
 Interaktion

## Program

### Thursday, August 24, 2023

- 9.00 a.m. Introduction  
(W. Brenner, Berlin; M. Gotthardt, Nijmegen; F. Mottaghy, Aachen)
- 9.15 a.m. Introduction participants  
(all together)
- 11.00 a.m. Coffee Break
- 11.30 a.m. Overview: Molecular Imaging  
(F. Mottaghy, Aachen)
- 12.15 a.m. Overview: Theranostics and Radionuclide Therapy  
(W. Fendler, Essen)
- 1.00 p.m. Lunch
- 2.00 p.m. Prerequisites, Ethics and Standards in Animal Imaging Research  
(N. Beindorff, Berlin)
- 3.00 p.m. Hands-on:  
Preclinical Imaging I (hands-on animal handling, anesthesia, tracer injection)  
(N. Beindorff, Berlin)  
Radiochemistry (Ga-generator, therapeutics)  
(S. Poetzsch, Berlin)  
Clinical Imaging I (SPECT/CT, PET/CT)  
(F. Thiele, Berlin)
- 4.00 p.m. Coffee break
- 4.30 p.m. Hands-on:  
Preclinical Imaging I (hands-on animal handling, anesthesia, tracer injection)  
(N. Beindorff, Berlin)  
Radiochemistry (Ga-generator, therapeutics)  
(S. Poetzsch, Berlin)  
Clinical Imaging I (SPECT/CT, PET/CT)  
(F. Thiele, Berlin)
- 7.30 p.m. Dinner – Restaurant

### Friday, August 25, 2023

- 9.30 a.m. Translational Theranostic Approaches  
(A. Buck, Würzburg)
- 10.15 a.m. Dosimetry and Treatment Planning  
(G. Glatting, Ulm)
- 11.00 a.m. Coffee Break
- 11.30 a.m. Image guided precision therapy – the future of medicine?  
(M. Gotthardt, Nijmegen)
- 11.30 a.m. Responsible Research  
(N. Drude, Berlin)
- 1.00 p.m. Lunch
- 2.00 p.m. Study Planning and Biostatistics in Preclinical Research  
(F. Konietzschke, Berlin)

## Program

- 2.45 p.m. Study Planning and Biostatistics in Clinical Research  
(N. Akbari, Berlin)
- 3.30 p.m. Coffee break
- 4.00 p.m. Hands-on:  
Preclinical Imaging II (SPECT, PET; CT, MRI)  
(N. Beindorff, Berlin)  
Dosimetry  
(F. Spiecker, Berlin)  
Clinical Imaging II (PET/MR)  
(F. Feldhaus, Berlin)
- 5.00 p.m. Hands-on:  
Preclinical Imaging II (SPECT, PET; CT, MRI)  
(N. Beindorff, Berlin)  
Dosimetry  
(F. Spiecker, Berlin)  
Clinical Imaging II (PET/MR)  
(F. Feldhaus, Berlin)
- 6.00 p.m. Dinner – Buffett Charité

### Saturday, August 26, 2023

- 9.00 a.m. Research Funding and Academic Career – Germany  
(S. Ziegler, Muenchen)
- 9.45 a.m. Ethics and Radiation Protection – Germany  
(W. Burchert, Bad Oeynhausen)
- 10.30 a.m. Coffee break
- 11.00 a.m. Development of Radiopharmaceuticals and Probes  
(O. Prante, Erlangen)
- 11.45 p.m. Kinetic Modelling and Quantitative Imaging  
(R. Buchert, Hamburg)
- 12.30 p.m. Lunch
- 1.30 p.m. Hands-on:  
Therapy (Radionuclide Ward)  
(J. Rogasch, Berlin)  
Data processing in brain studies  
(F. Spiecker, Berlin)
- 2:30 p.m. Hands-on:  
Therapy (Radionuclide Ward)  
(J. Rogasch, Berlin)  
Data processing in brain studies  
(F. Spiecker, Berlin)
- 3.30 p.m. Coffee break
- 4.00 p.m. Open Questions – Discussion with Faculty Members  
(all together)
- 4.30 p.m. Farewell – End of Summer School  
(W. Brenner, Berlin; M. Gotthardt, Nijmegen; F. Mottaghy, Aachen)

## Speaker

N. Akbari  
Charité Berlin  
Institut für Biometrie und Klinische Epidemiologie  
Charitéplatz 1 · 10117 Berlin

Dr. N. Beindorff  
Klinik für Nuklearmedizin  
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Augustenburger Platz 1 · 13353 Berlin

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Klinik für Nuklearmedizin  
Charité – Universitätsmedizin Berlin  
Augustenburger Platz 1 · 13353 Berlin

Dr. R. Buchert  
Uniklinik Hamburg-Eppendorf  
Abteilung für Nuklearmedizin  
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Prof. Dr. A. Buck  
Universitätsklinikum Würzburg  
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Prof. Dr. W. Burchert  
Herz- u. Diabeteszentrum NRW  
Institut für Radiologie, Nuklearmedizin und Molekulare Bildgebung  
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Dr. N. Drude  
Berlin Institute of Health (BIH) at Charité  
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Dr. F. Feldhaus  
Klinik für Radiologie  
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Prof. Dr. W. Fendler  
Universitätsklinikum Essen  
Klinik für Nuklearmedizin  
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Prof. Dr. G. Glatting  
Universitätsklinikum Ulm  
Nuklearmedizin/ Med. Strahlenphysik  
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## Speaker

Prof. Dr. M. Gotthardt  
Afdeling Radiologie en Nucleaire Geneeskunde  
Radboud Universitair Medisch Centrum  
Geert Groteplein 8, Postbus 9101 · 6500 HB Nijmegen

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