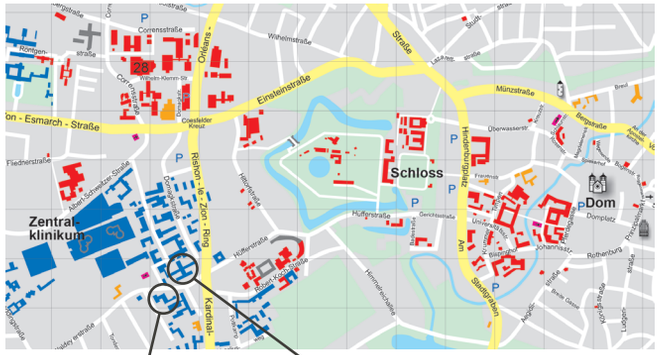
# Locations & accomodation




**European Institute for Molecular Imaging (EIMI)**
Waldeyerstraße 15

**Translational Research Imaging Center (TRIC)**
Albert-Schweitzer-Campus 1, Building A16

Hands-on teaching takes place at locations and laboratories that are in close proximity. As Münster is Germany's bicycle metropolis, a rental bike for quick and simple transportation is included in the registration fee. Hotels and recommendations can be found on our website, www.mia.uni-muenster.de.

supported by:

Photos by Peter Leßmann

# Registration

## Fees

| | **Early bird rate** (until Sept. 30th 2017) | **Regular rate** |
|---|---|---|
| **Students** | EUR 850,– | EUR 1050,– |
| **Regular attendees** (Academic institutes) | EUR 1100,– | EUR 1300,– |
| **Companies** | EUR 1700,– | EUR 1900,– |

## Package includes

- Handout material
- All costs for tracers, contrast agents, animals etc. needed during the workshop
- Lunch on all workshop days
- Rental bike & social event

## Discounts and payment

Members of the German Association for Nuclear Medicine (DGN) receive a EUR 50,– discount. Please provide a confirmation of your DGN member number when registering. Upon registration you receive an invoice which is payable within two weeks. INMiND partners can benefit from a reduced registration fee. Please contact the INMiND training office for further details and registration (inmind.training@cea.fr).

## Cancellation fees

| | |
|---|---|
| until September 30th 2017: | EUR 50,– |
| until October 9th 2017: | EUR 250,– |
| after October 9th 2017: | full registration rate |

# Your contact

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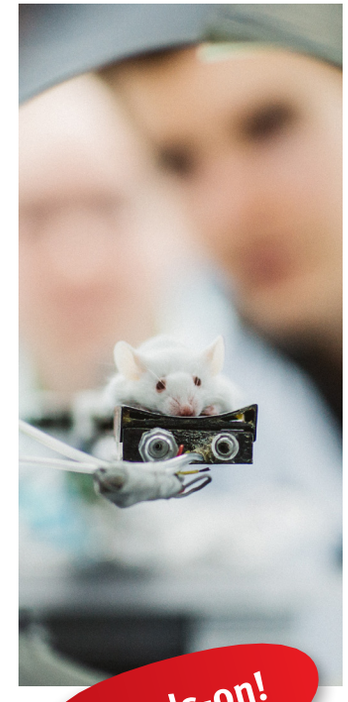
**www.mia.uni-muenster.de**



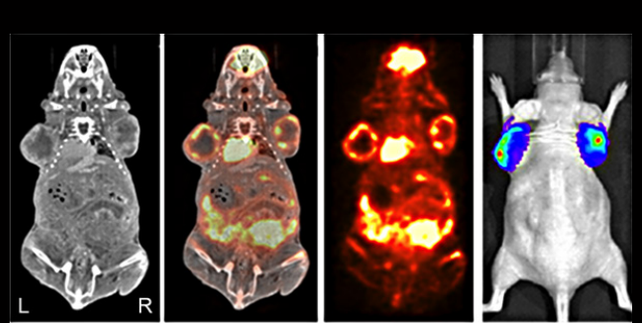

MIA
Mouse Imaging Academy

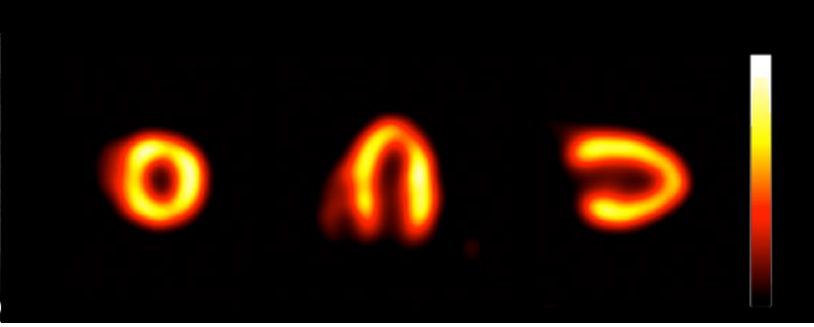
# 8th Mouse Imaging Academy

## 06–10 November 2017

## Münster, Germany

Westfälische Wilhelms-Universität Münster



## Welcome to MIA

Our interdisciplinary team invites you to join the training course on state-of-the-art imaging of mice, the *Mouse Imaging Academy (MIA)* at the University of Münster.

We will introduce you to a broad spectrum of dedicated imaging technologies including PET, SPECT, CT, MRI, mouse ultrasound and optical imaging. A special emphasis is on specific in-depth practical training sessions (hands-on with four participants max.) and interactive imaging data analysis at our training and demonstration facility (VisualLab). Each participant will work with animal models, apply various imaging modalities and explore multimodal image data sets.

Individuals with experience in small animal imaging as well as beginners are welcome to join our workshop.

**CME credit points will be applied for the workshop from the Medical Association.**

We are very much looking forward to seeing you in Münster,

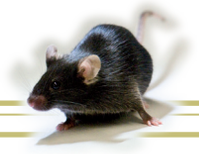
Christoph Bremer, MD

Cornelius Faber, PhD

Sven Hermann, MD

Klaus Schäfers, PhD

Michael Schäfers, MD



## Topics

- **Animal handling**: i.v./i.p. injection, tail vein catheter, anaesthesia, surgery
- **PET/SPECT**: static and dynamic scanning, CT fusion
- **CT**: *in vivo* scans +/- contrast agents, respiratory gating
- **MRI**: *in vivo* scans +/- contrast agents, cardiac & respiratory gating
- **Ultrasound**: hands-on scanning +/- contrast agents
- **Optical imaging**: fluorescence, bioluminescence, photo-acoustic
- **Multimodal imaging**: PET/CT, PET/MRI, SPECT/CT
- **Image analysis**: methods, coregistration, quantification

*Please note: Large portions of the workshop are held in radiation and/or S1/S2 gene technology safety areas where access for pregnant women is not permitted!*

## Agenda (Example for one group)

### Monday

| | |
|---|---|
| 9:00–10:30 | Plenary session<br>Welcome & safety instructions |
| 10:30–11:00 | Coffee break |
| 11:00–12:00 | Plenary lecture: overview |
| 12:00–13:00 | Lunch break |
| 13:00–15:00 | Plenary lecture: MRI |
| 15:30–17:30 | Hands-on session: MRI |
| 18:00 | Get together |

### Tuesday

| | |
|---|---|
| 8:30–10:30 | VisualLab: introduction |
| 10:30–11:00 | Coffee break & transfer |
| 11:00–13:00 | Plenary lecture: PET/SPECT |
| 13:00–14:00 | Lunch break |
| 14:00–16:00 | Hands-on session: ultrasound |
| 16:30 | Lab tour: radiochemistry |

### Wednesday

| | |
|---|---|
| 8:30–10:30 | Hands-on session: surgery |
| 10:30–11:00 | Coffee break & transfer |
| 11:00–13:00 | Plenary lecture: optical imaging |
| 13:00–14:00 | Lunch break |
| 14:00–16:00 | Hands-on-session: MRI analysis |
| 16:30–18:30 | VisualLab: individual practice |

### Thursday

| | |
|---|---|
| 8:30–10:30 | Hands-on session: optical imaging |
| 10:30–11:00 | Coffee break & transfer |
| 11:00–13:00 | Plenary lecture: ultrasound |
| 13:00–14:00 | Lunch break |
| 14:00–16:00 | Hands-on session: PET analysis |
| from 18:00 | Social event |

### Friday

| | |
|---|---|
| 8:30–10:30 | Hands-on session: ultrasound analysis |
| 10:30–11:00 | Coffee break & transfer |
| 11:00–12:00 | Summary & evaluation |
| 12:00 | Lunch & farewell |

*We reserve the right to make changes.*