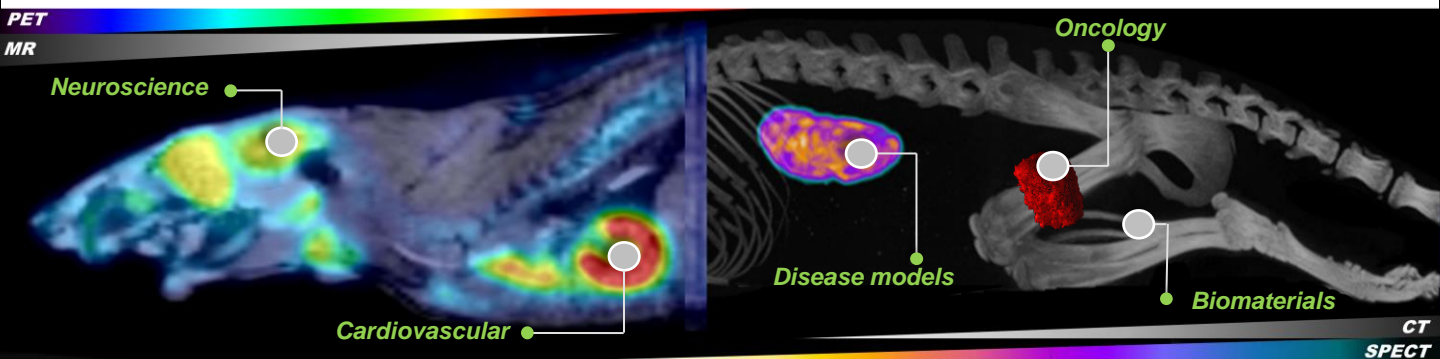


Advanced Molecular Imaging Training Course (PET, MR, SPECT, and CT) (Language: English; 5 Credits)



Deadline:
Jan 20, 2025

Schedule:
Apr-May, 2025
(18 days)

FELASA C
certificate,
not a
requirement

Priority for
doctoral
students

Hands-on training
with preclinical
imaging
modalities

This course will be an introduction to molecular imaging techniques in preclinical settings. Emphasis is on hands-on training with state-of-the-art modalities:

- Positron emission tomography (PET)
- Magnetic resonance imaging (MRI)
- Computed tomography (CT)
- Single-photon emission computed tomography (SPECT)

These are the advanced approaches used for drug development, in visualizing or evaluating the pharmacokinetics of novel tracers associated with various diseases in a living model.

The course is aimed at doctoral students in medical and pharmaceutical research or equivalent, maximum of 12 participants.

Interested post-docs and researchers have to pay a course fee. For more details, visit the course webpage mentioned below.

The course is an excellent opportunity for doctoral students and researchers to learn more about molecular imaging and will, among other things, address:

- Image acquisition using different imaging modalities
- Reconstruct raw imaging data and analyze them (Interview™ fusion & PMOD)
- Practicality and limitations of PET, MR, SPECT, and CT in preclinical settings
- Learn radiation safety routines involved in imaging

Sponsors

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Read more about the course and registration at [Medicine and Pharmacy \(MEDFARM\)](#)