



14TH SMALL ANIMAL IMAGING WORKSHOP

January 28 – February 1, 2019

TOPICS

- **Animal handling** *i.v./i.p.* injection, tail vein catheter, anaesthesia, dissection, etc.
- **PET** static + dynamic scan, attenuation correction, etc.
- **CT** phantom scans, *in vivo* scans, contrast agents, etc.
- **SPECT** *in vivo* scans, phantom scans, etc.
- **7 T MRI** scan protocol setup, *in vivo* scans, contrast agent scans, cardiac and respiratory gating, use of different imaging sequences
- **Optical imaging** *in vivo* + *in vitro* fluorescence, *in vivo* bioluminescence
- **Autoradiography**, biodistribution, gamma counter
- **Image analysis**
- **Hyperpolarized imaging**
- **Simultaneous PET/MRI**
- **MR spectroscopy**

University of Tuebingen
Department of Preclinical Imaging and Radiopharmacy
Röntgenweg 13 • 72076 Tuebingen • Germany
Phone: +49 7071 29 87443 • E-Mail: office.wsic@med.uni-tuebingen.de



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