

Invitation to the seminar on

Medical Radiation Physics and Ion-Beam Therapy

by

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Preclinical In Vivo Imaging Studies: A Practical Point of View

Image-based experiments have seen a resurgence in recent decades, driven by the non-invasive nature of longitudinal imaging and diagnostic measurements. These methods allow for a long observation period during which the progression of a disease can be tracked and studied from its onset through its course. The University of Applied Sciences in Wiener Neustadt funded and operates dedicated small animal imaging devices at MedAustron, such as μ CT, PET/SPECT and, in cooperation with the MUW an UHF-MRI scanner.

In this seminar, you will learn what requirements must be met to conduct in vivo imaging experiments and what equipment is needed for this purpose. In recent years, studies have been conducted in collaboration with the Medical University of Vienna, the University of Veterinary Medicine Vienna, and the University of Vienna. These studies will serve as examples in this presentation to give you a better understanding of our team's workflow and daily routine.

Tuesday, 05. May 2026, 09:00 am

Zoom: <https://tuwien.zoom.us/j/69660150906?pwd=FQRS8TnWx4hGuNEqjmVLfYostoOXLW.1>

For updates, please register at: <https://list.tuwien.ac.at/sympa/info/medaustron-seminar>