

# MRI at KERIC

## Policies and Booking Information

When working with live animals, an approved **ethical permit**, specifically including the MR-scanning at AKM/KERIC, is necessary. The MR-unit must receive a copy before starting any animal work.

A detailed written **research plan** where the MR-time is booked in the calendar must be agreed upon before commencing MR experiments. Small scale Pilot studies to test proof of concept can be performed in agreement with KERIC if we have an ethical permit that can cover such a pilot.

Booking can be made up to a year in advance and even longer for longitudinal studies. Rebooking and cancellations should be well communicated at least **25 days** ahead of the first scanning day in the project. Late cancellations will be requested to pay the full bench fee. Except if there is valid reason such as unpredicted death of animals, then half the bench fee is charged.

We reserve us the right to cancel for unpredictable events, force majeure, such as technical problems of the scanner or other events we do not have any control over. Please, respect that the staff at KERIC has a normal 8 hour working day.

The PI in the research group is responsible for the wellbeing of the animal during and after the MR-scanning. It is mandatory that a person from the research group with education and experience in laboratory animal science is participating in the scanning.

KERIC provides assistance with a lab technician the first day of a new project, the technician can also support specific tasks, such as i.v. injections related to the handling of the animals (included in the bench fee). Alternatively, a lab technician from KERIC can be assigned for the animal handling and monitoring during the whole procedure for an additional fee (usually +½ of the bench fee). Note that the PI is still responsible for the animals and must be available to contact and have an agreement worked out for eventualities.

The preclinical MR scanner is a core-facility enabling preclinical MR for researchers at Karolinska and others, mainly financed by FoUU and core facility support. A heavily subsidized bench fee is paid by the customer. The bench fee is **7 500 SEK/day** for academic and **15 000 SEK/day** for non-academic projects. For ex-vivo scanning we charge 50% of the bench fee, given that the scanning can be performed overnight.

The PI is responsible for their data including moving and backup of data. It is recommended to copy and check the integrity of files in direct association with the scanning. KERIC will of course assist with data handling, but our data storage space is limited.

The MR-staff can provide advice and suggestions regarding software and analysis procedures etc. **Preprocessing and analysis** of the data can take considerable time and should be agreed upon in the research plan together with the KERIC staff. For more advanced preprocessing and analysis of data we charge 50% of the daily bench fee for our time (3750 SEK/day or 7500 SEK/day for non-academic customers). Some processing-lines are already implemented. But others we must implement or develop and will therefore be charged for. The default data output is standard DICOM, but NiftI and FDF are also available. DICOM is standardized to the Horos and OsiriX software.

Please include KERIC in the **acknowledgement**, in publications based on data obtained from the MR-scanner. "The MRI scanning was performed at the Department of Comparative Medicine/Karolinska Experimental Research and Imaging Centre at Karolinska University Hospital, Solna, Sweden."

## Customer Details

Please fill out and sign the following form (mandatory):

### User information

Name:	
Department:	
Telephone number:	Email:

### PI information

Name:	
Department:	
Telephone number:	Email:
Ethical permit diary number:	

### Invoice details

Fakturaadress/kostnadsställe:
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*I have read and agreed to the policies regarding MRI at AKM/KERIC.*

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Date and Signature