



OSPEOALE SAN RAFFAELE

EIC/CIS - Experimental Imaging Center

Preclinical Imaging Facility

Main steps:

1. Contact the coordinators of each specific activity to discuss the project, and define the imaging protocol, scan time, operator assistance, costs and administrative infos.
2.
 - Antonio Esposito (MRI)* esposito.antonio@hsr.it
 - Massimo Venturini (Ultrasound)* venturini.massimo@hsr.it
 - Antonello Spinelli (Optical-CT; Preclinical Radiotherapy)* spinelli.antonello@hsr.it
 - Gianpao/o Zerbini (Fluorangiography - OCT)* zerbini.gianpaolo@hsr.it
3. Verify type and availability of funds (F-application only).
 - Morando Micaela* morando.micaelamaria@hsr.it
4. Complete the Application Form (F-application, or TBR-application).
5. Attach a copy of approved or pending IACUC application (F-application only).
6. Submit application.
 - Morando Micaela* morando.micaelamaria@hsr.it

Type of application

Funded (F) Applications. The purpose of Funded Applications is to request and schedule the imaging experiments planned in an already granted project. Since most funded projects have already undergone a peer review process and IACUC approval, they will likely be approved unless the research scanner is already operating at capacity. In the latter condition an internal commission will define priorities.

Fund to-be-requested (TBR) Applications. This application is to be filed for projects that will be submitted to a funding agency. The purpose of submitting a TBR Application is to request the Facility staff cooperation in reviewing the application, in order to evaluate the feasibility of the planned experiments with the existing facility technology and expertise, suggest possible alternatives, or additional methods/approaches and help budgeting the costs. *This activity is provided free of charge.*

Contacts

- **Antonio Esposito**
Head of Facility and Coordinator MRI research
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Instructions and costs

The Preclinical Imaging Facility is available to both institutional and external research groups.

The facility operates on a fee-for-service base, billed at hourly rates.

The hourly rate cover all the operating costs of the facility, including consumables, maintenance of instruments and technical support.

Scientific contribution to a project by the researchers or coordinators of the Facility (for example the design of imaging experiments, the development and optimization of imaging protocols or the analysis and interpretation of results) should be intended as a scientific collaboration.

Experimental Imaging Center Preclinical Imaging Facility

List of charges (€/h)

	Internal users	External users (no profit)	External users (profit)
7 Tesla MRI	110	150	250
MRI contrast agents	market price	market price	market price
Vevo 2100 user operated	40	65	100
Vevo 2100 core operated	65	104	160
Vevo 2100: contrast enhanced studies	market price	market price	market price
IVIS SpectrumCT user operated *	49	78	120
IVIS SpectrumCT core operated	73	117	180
IVIS SpectrumCT reagents	market price	market price	market price
Preclinical Radiotherapy	126	196	280
Retinal Fluorangiography - OCT	45	75	120
Retinal Fluorangiography – OCT core operated	68	113	180
Image analysis	65	80	80

• 2D mode only

The Facility has an internal animal housing service to accommodate mice undergoing long-term follow-up with imaging. This service is managed by the central Animal Facility (Dott. Enzo Oriani, Dott.ssa Sofia Ghiandoni) at a cost of 1,35€/per cage/per day.

General information on the project

Principal Investigator:

PI Phone

PI e-mail

Project Coordinator/Manager:

Phone

e-mail

Estimated Start Date:

Project Type (see Instructions for definitions):

F-application

TBR-application

Project Type (see Instructions for definitions):

Imaging technology:

MRI (BrukerBioSpec 70/30 7T)

US (Vevo 2100 Visualsonic)

Optical Imaging (IVIS SpectrumCT)

Micro-CT (IVIS Spectrum CT)

Preclinical Radiotherapy

F- application (internal users form)

Project Title:

Approximate number of animals (as defined with CIS coordinators):

Approximate scan time, itemized (as defined with CIS coordinators):

Total Cost (this is an approximate cost defined with the coordinators of the Facility; the final cost will depend on the effective duration of the study):

Start Date:

End Date:

Cost center reference:

Grant account number (mandatory, application will not be examined if not indicated):

Fund Administrator:

Funding Agency (Please submit copy of the study plan submitted to the Funding Agency):

Brief Description of Research (200 words or less):

Deadline for submission (TBF only):

Funding Agency

Envisaged Start Date:

Envisaged Start Date: