SIRIC
MONTPELLIER CANCER
Site de Recherche Intégrée sur le Cancer

23/11/2026

Workshop IRP-1 PRIORITY

[**PR**edictive and **I**ntegrated **O**mics **R**adiobiology and **I**maging for **T**ailored radiotherap**Y**]



📍 IRCM, Conference Room

ICM Institut régional du Cancer Montpellier | Val d'Aurelle
CHU Montpellier Centre Hospitalier Universitaire
Université de Montpellier
Inserm La science pour la santé From science to health
cnrs
ircm Institut de Recherche en Cancérologie de Montpellier
igmm Institut de Génétique Moléculaire de Montpellier
Gustave Roussy Cancer Campus Grand Paris
ASNR
Universitair Ziekenhuis Brussel
VUB Vrije Universiteit Brussel
Universität Münster

Workshop IRP-1 PRIORITY
Morning Session

09:30 **Welcome Coffee**

10:00 **Welcome remarks from PRIORITY Research Program Coordinators**
Pr S. Nougaret (ICM/IRCM), Dr J-P. Pouget (IRCM)

10:15 **A first-in-class self-activating cGas*-mRNA-LNP immunotherapy for hepatocellular carcinoma**
Dr D. Grégoire (IGMM)

10:45 **Multiparametric MRI for Tumor Characterization: From Method Development to Preclinical Applications in Liver and Pancreatic Cancer**
Dr M. Tardieu (IRCM), M. Cardoso (Université de Montpellier), Dr C. Goze-Bac (Université de Montpellier)

11:30 **Clinical background and perspectives on MR-guided radiotherapy for LAPC and HCC**
Dr O. Riou (ICM)

From radiomics to quantitative MRI: developing clinical biomarkers for radiotherapy response prediction in pancreatic cancer
F. Tachenne (IRCM)

12:00 **Experimental MRI methods to study the tumor microenvironment**
Pr C. Faber (University of Münster)

12:30 **Lunch Break**

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Afternoon Session

14:00 **Radiolabeled FAP-targeting single domain antibody for nuclear theranostics**
Pr Matthias d'Huyvetter (Vrije Universiteit Brussel)

14:30 **From camel to the patient: single domain antibody applications for targeting cancer**
Pr Tony Lahoutte (UZ Brussel, Vrije Universiteit Brussel)

15:00 **Radiopharmaceutical therapy of tumor microenvironement**
Dr J-P. Pouget (IRCM)

15:30 **Advanced Dose Modelling and spatial/Integrated Radiobiology to optimize Efficacy of radiopharmaceutical therapy of tumor microenvironement**
Dr Charlotte Robert (IGR), Dr Fabien Milliat (ASNR), Dr Max Celio NZATSI-NZATSI (IRCM)

16:00 **Closing Remarks**
Pr S. Nougaret (ICM/IRCM), Dr J-P. Pouget (IRCM)



The PRIORITY Research Programme
PRIORITY aims to optimise internal and external radiotherapy treatments using a multimodal approach integrating tumour biology, radiobiology, dosimetry and AI-driven next-generation imaging