No.	TITLE	HOST	Project Description	Contact	Candidate Profile
1	**Impact of MBRT and FLASH-RT in brain re-irradiations**	University of Antwerp. Belgium	Project evaluates the safety and efficacy of FLASH-RT and MBRT in brain re-irradiation settings, aiming to reduce neurotoxicity while maintaining tumour control.	pierre.montaygruel@zas.be; an.wouters@uantwerpen.be	MSc in biology, biomedicine or veterinary. Knowledge of radiobiology, Interest in preclinical irradiation models
2	**Advancing TAT for GBM**	University of Angers. France	Focus on developing targeted alpha therapy by optimizing radionuclides, vectors and biological targets, while assessing therapeutic efficacy and immune response.	emmanuel.garcion@gmail.com	MSc in Radiopharmacy, Molecular Biology or Biomedicine. Interest in radionuclide therapy and tumour biology
3	**Explore combining invasion-preventive biomaterials with MBRT/FLASH-RT**	Batea Oncology. Spain	This project investigates the combination of biomaterials (e.g. GlioHook) with advanced RT to trap invasive glioma cells and reduce tumour recurrence.	jorge.barbazan@bateaoncology.com	MSc in Biomedical Engineering, Biology or Biomedicine, Interest in biomaterials and tumour invasion
4	**Synergistic impact of PARP7 inhibition and novel RT approaches on GBM immune activation**	Medical University of Wien. Austria	This project explores how PARP7 inhibition enhances radiation-induced immune activation, particularly IFN-I signalling, to overcome tumour immunosuppression.	dea.slade@maxperutzlabs.ac.at	This project explores how PARP7 inhibition enhances radiation-induced immune activation, particularly IFN-I signalling, to overcome tumour immunosuppression.
5	**Enhancing RT efficacy by leveraging monocyte-derived IFN-I**	Institut Necker-Enfants Malades (INSERM U1151). Paris, France	This project focuses on the manipulation of monocyte-driven interferon responses to improve radiotherapy-induced anti-tumour immunity	elodie.segura@inserm.fr	MSc in Immunology, Immuno-oncology, or a related field in Biology. Interest in immunotherapy. Experience in flow cytometry and animal experiments is a plus
6	**Integrating CAR-T, ICI, and RT for GBM treatment**	Oslo University Hospital	Development of combined therapies integrating radiotherapy with CAR-T cells and immune checkpoint inhibitors to enhance tumour control.	elsin@ous-hf.no	MSc in Immunology or Biomedicine, Interest in immunotherapy
7	**Identifying RT-induced immunogenic targets in GBM to enhance immune surveillance**	University of Pavia, Italy	Identification of tumour antigens induced by radiotherapy to support development of vaccines and CAR-T strategies	arianna.palladini@unipv.it	MSc in Molecular Biology, Immunology or Bioinformatics. Interest in omics and antigen discovery
8	**Stromal and migrastatic modulation of glioblastoma response to MBRT**	University of Santiago de Compostela. Spain	Study how MBRT modifies the extracellular matrix and stromal environment, influencing tumour invasion and immune interactions	yolanda.prezado@usc.es	MSc in biology, biomedicine or biochemistry. Knowledge of tumour microenvironment.
9	**Impact of GSH in Radiation Response for FLASH-RT and conventional radiation**	DKFZ, Heidelberg, Germany	Investigation of oxidative stress and metabolic responses to radiation, focusing on glutathione and redox balance using metabolomics and NMR.	j.seco@dkfz-heidelberg.de	MSc in Chemistry, Physics or Biophysics. Interest in metabolism and radiation response
10	**Molecular effects of FLASH-RT radiation detected by Nuclear Magnetic Resonance**	University of Bucharest, Romania	Use advanced NMR techniques to characterise metabolic changes induced by FLASH versus conventional radiotherapy.	paul.vasos@eli-np.ro	MSc in Chemistry, Physics or Biomedical Sciences. Experience in NMR (desirable)
11	**Computational analysis of integrated multi-omics data**	Università degli Studio di Firenze, Italy	Development of computational pipelines to integrate multi-omics datasets and identify biomarkers of radiotherapy response.	leonardo.tenori@unifi.it	MSc in Bioinformatics, Data Science or Physics. Strong programming skills
12	**Optimizing the implementation strategies and dosimetry for MBRT**	VARIAN Medical Systems, Helsinki, Finland	Design and optimisation of dosimetry methods and implementation strategies for advanced radiotherapy techniques.	ari.harju@varian.com	MSc in Medical Physics or Engineering.Experience in dosimetry or simulations
13	**MRI-guided MBRT**	University of Oslo, Norway	Development of MRI-based guidance and treatment planning strategies to improve precision and monitoring of MBRT.	eirik.malinen@fys.uio.no	MSc in Medical Physics or Imaging. Experience in MRI or image analysis
14	**Radionuclide dosimetry and molecular tumour responses**	University of Nantes, France	Study of dose distribution and biological effects of radionuclide therapies, linking dosimetry with tumour response.	Michel.Cherel@univ-nantes.fr	MSc in Medical Physics, Nuclear Medicine or Radiochemistry. Interest in dosimetry and translational oncology