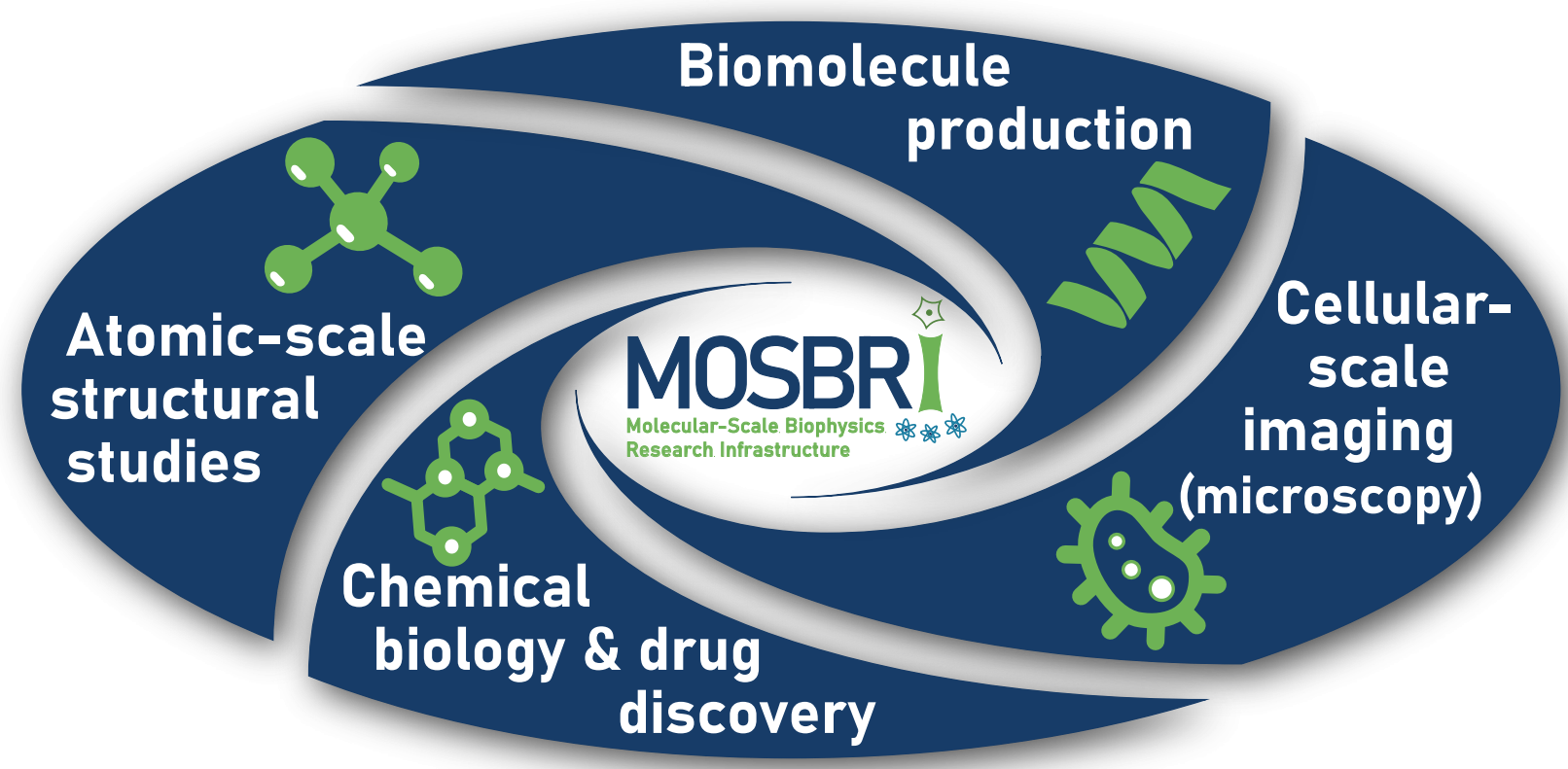


# Molecular-Scale Biophysics Research Infrastructure

**Since the 1<sup>st</sup> of July 2021, MOSBRI, the MOlecular-Scale Biophysics Research Infrastructure enables ambitious integrative multi-technological studies of biological systems at the crucial intermediate level between atomic-resolution structural descriptions and cellular-scale observations.**

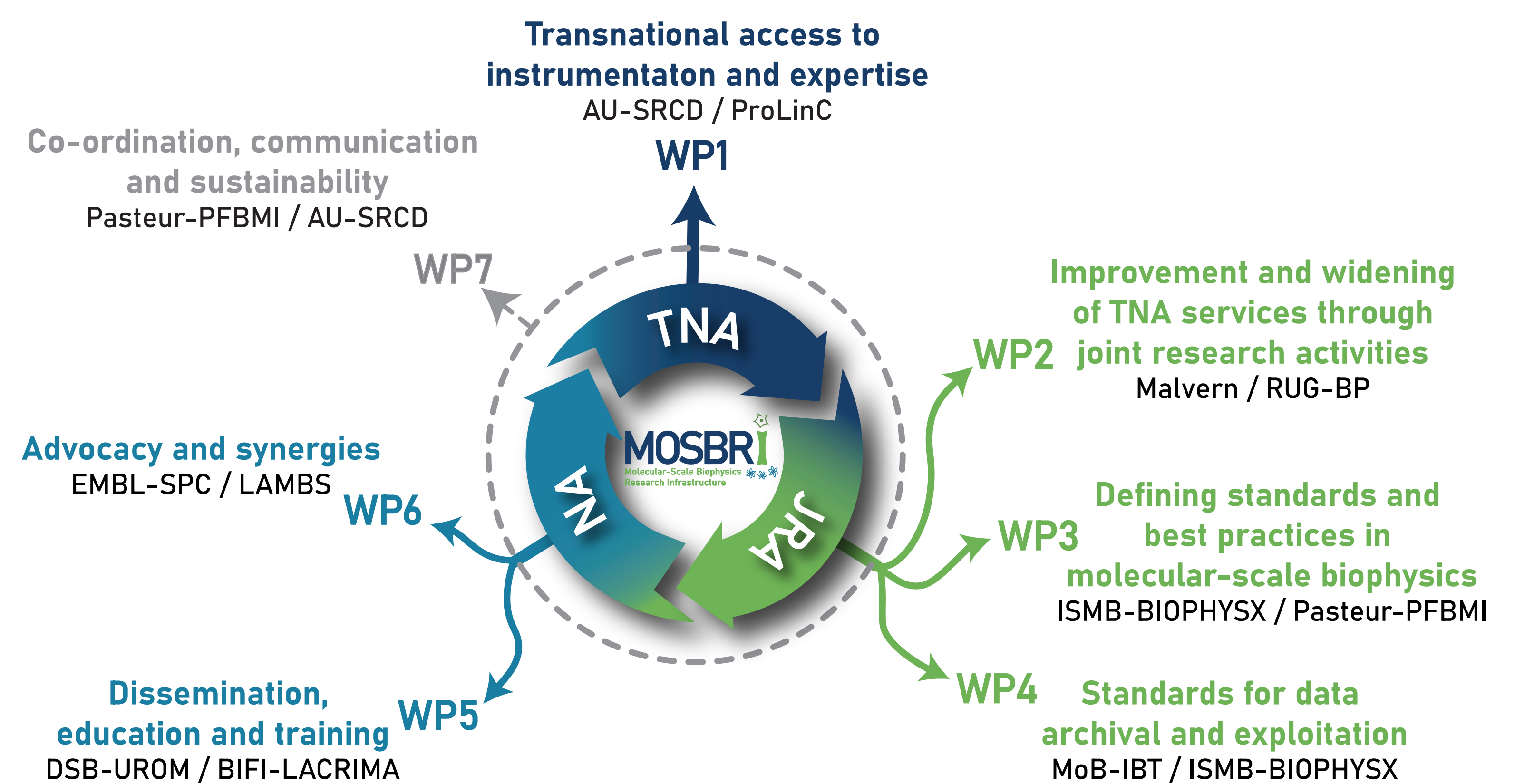
**Apply for access to laboratories of excellence in MOSBRI: <https://www.mosbri.eu/apply-for-tna/>**



## Objectives

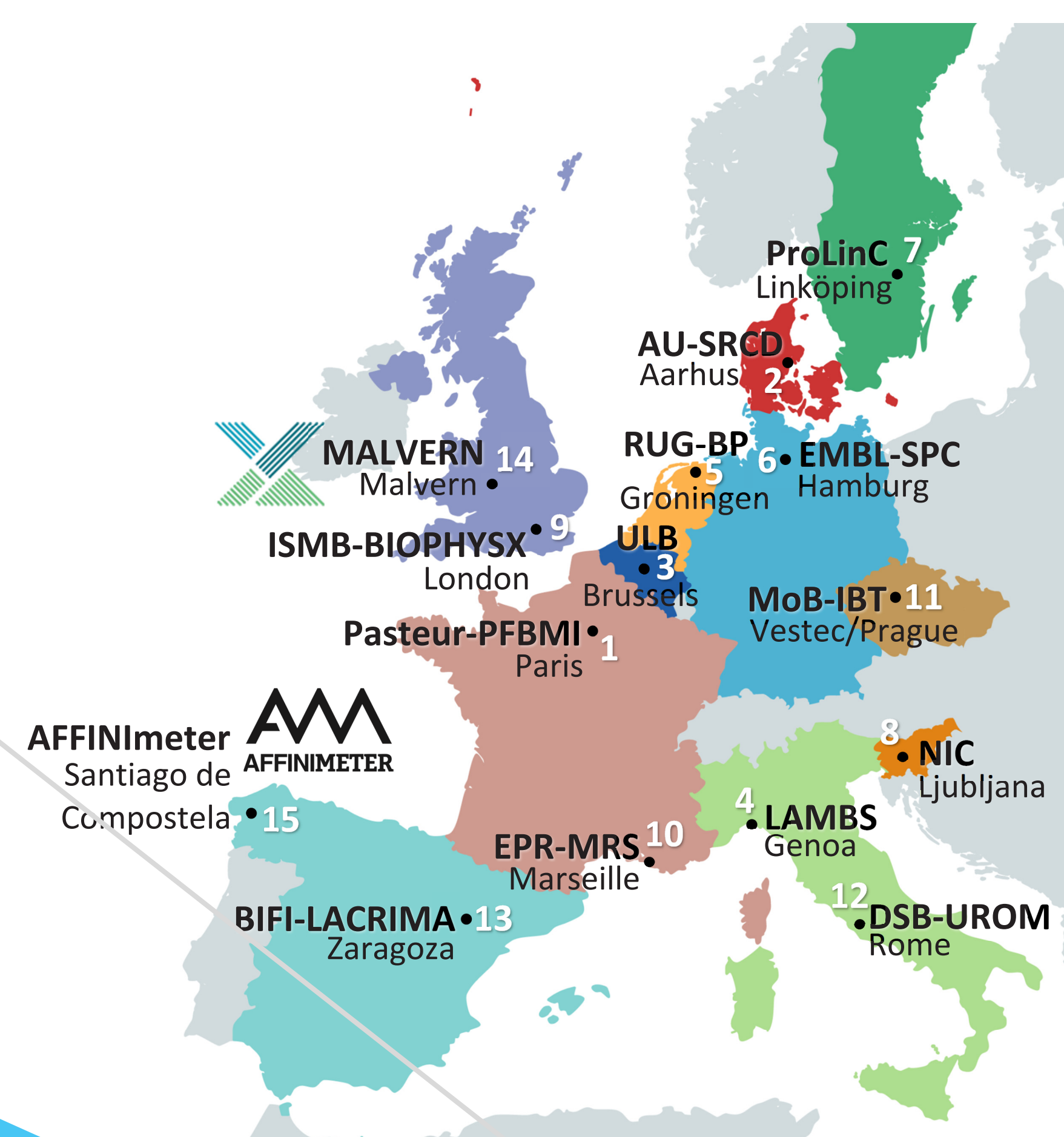
- Provide free-of-charge Trans-National Access (**TNA**) to a wide range of outstanding techniques and expertise in molecular-scale biophysics, to scientists worldwide, both from academia and industry.
- Create a wide and interactive community of users.
- Establish and disseminate high quality standards and best practices.
- Generate and disseminate cutting-edge knowledge through Joint Research Activities (**JRA**) and Networking Activities (**NA**).
- Engage in synergies with a wide variety of European industrial and academic stakeholders

**MOSBRI** provides access to a truly integrated panel of methodological tools and associated expertise, enabling breakthrough scientific discoveries concerning the molecular basis of biological processes and the development of novel therapeutic and prophylactic treatments. Continuous improvement of laboratory practices and cross-fertilization between centres will be attained through exchange of staff, joint research activities and multi-laboratory benchmarking actions.

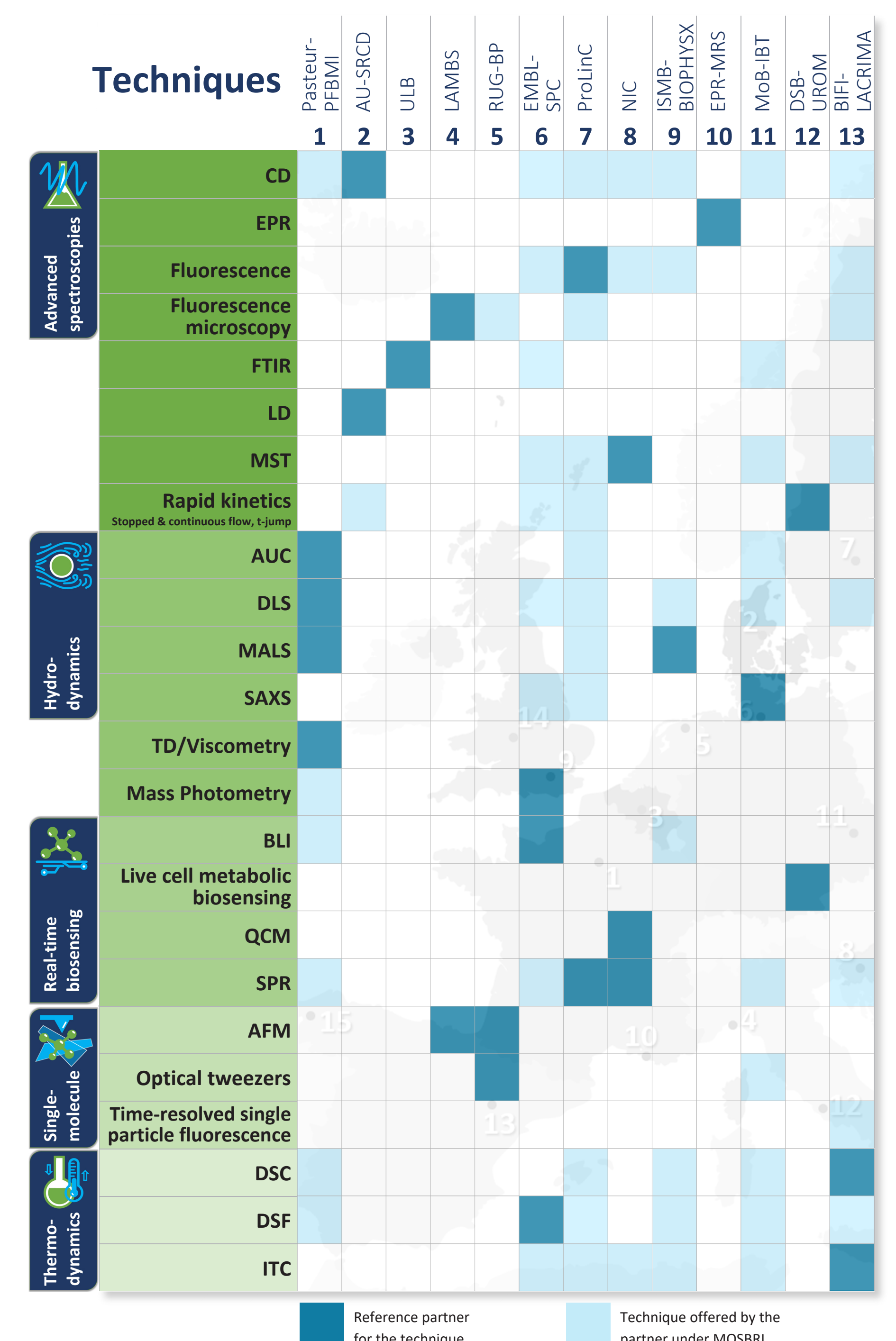


## MOSBRI partners

**MOSBRI** is a consortium of **13 academic centres of excellence and 2 industrial partners** from 11 different European countries, coordinated by Institut Pasteur (Paris, France). **MOSBRI** aims to address the pressing need for a truly integrated and multi-methodological taskforce, combining the best up-to-date instrumentation and the best expertise available in Europe, to the benefit of all researchers in the fields of biomedicine, biotechnology, biomaterials and beyond, from both academia and industry.



- 1 **Pasteur-PFBMI** – Molecular Biophysics core facility, Institut Pasteur, *Paris, FR*
- 2 **AU-SRCD** – SRCD facility at ASTRID2, Aarhus University, *Aarhus, DK*
- 3 **ULB** – Centre for Structural Biology and Bioinformatics, Université Libre de Bruxelles, *Brussels, BE*
- 4 **LAMBS** – Laboratory for Advanced Microscopy Bioimaging Spectroscopy, Università Degli Studi Di Genova, *Genoa, IT*
- 5 **RUG-BP** – Zernike Institute for Advanced Materials, Rijksuniversiteit Groningen, *Groningen, NL*
- 6 **EMBL-SPC** – Sample Preparation and Characterisation Facility, EMBL Hamburg (HH), *Hamburg, DE*
- 7 **ProInC** – PROtein folding and Ligand Interaction Core facility, Linköpings Universitet, *Linköping, SE*
- 8 **NIC** – Molecular Interactions, Department of Molecular Biology and Nanobiotechnology, National Institute of Chemistry, *Ljubljana, SI*
- 9 **ISMB-BIOPHYSX** – Protein Crystallography and Biophysics Centre, Birkbeck College, University of London, *London, UK*
- 10 **EPR-MRS** – EPR-Facility Bioénergétique et Ingénierie des Protéines, CNRS & Aix-Marseille University, *Marseille, FR*
- 11 **MoB-IBT** – Centre of Molecular Structure, Institute of Biotechnology of the Czech Academy of Sciences, *Vestec, CZ*
- 12 **DSB-UROM** – Sapienza University of Rome, *Rome, IT*
- 13 **BIFI-LACRIMA** – Institute for Biocomputation and Physics of Complex Systems, University of Zaragoza, *Zaragoza, ES*
- 14 **Malvern** – Malvern Panalytical Limited, *Malvern, UK*
- 15 **AFFINImeter** – AFFINImeter (S4SD), *Santiago de Compostela, ES*



## Upcoming MOSBRI events

**Fluorescence microscopy for amyloid fibril imaging course (Linköping, 23-25 May 2022)**

1<sup>st</sup> **MOSBRI** scientific conference (Paris, 20-22 June 2022)

Quality control for integral membrane proteins course (Hamburg, 12-14 Sept. 2022)

**www.mosbri.eu**