

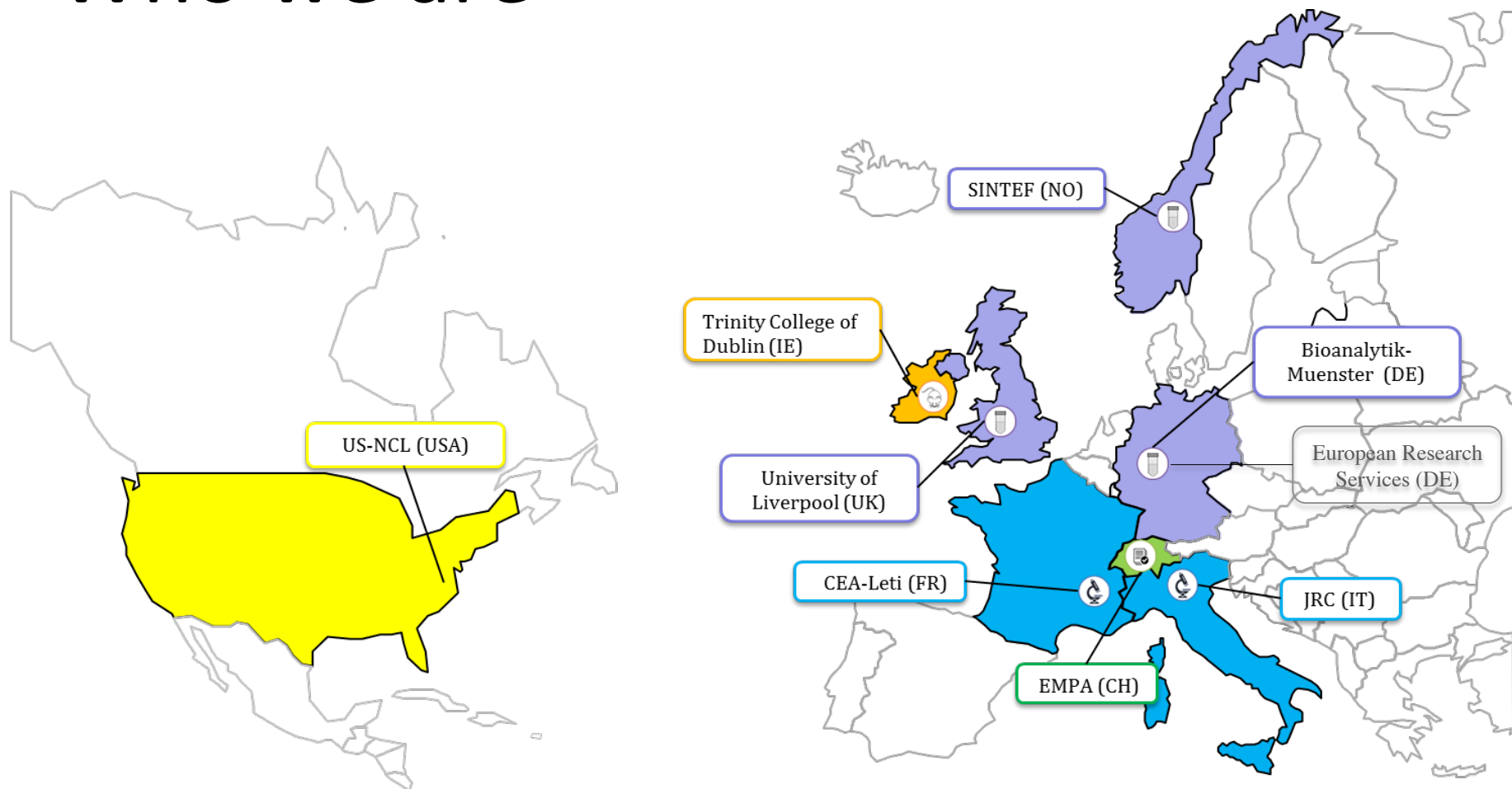


EU Nanomedicine Characterization Laboratory

Our Mission

- To provide a trans-disciplinary testing infrastructure covering a comprehensive set of preclinical characterisation assays (physical, chemical, in-vitro and in-vivo biological testing) facilitating understanding of biodistribution, metabolism, pharmacokinetics, safety and immunological effects of Med-NPs.
- To foster the use and deployment of standard operating procedures (SOPs), benchmark materials, and quality management for the preclinical characterisation of Med-NPs.
- To promote inter-sectorial and inter-disciplinary communication among key drivers of innovation, especially between developers and regulatory agencies

Who we are



Who we are (Satellite Labs)

- CyberNano, Nancy, FR



- FORTH Heraklion, GR



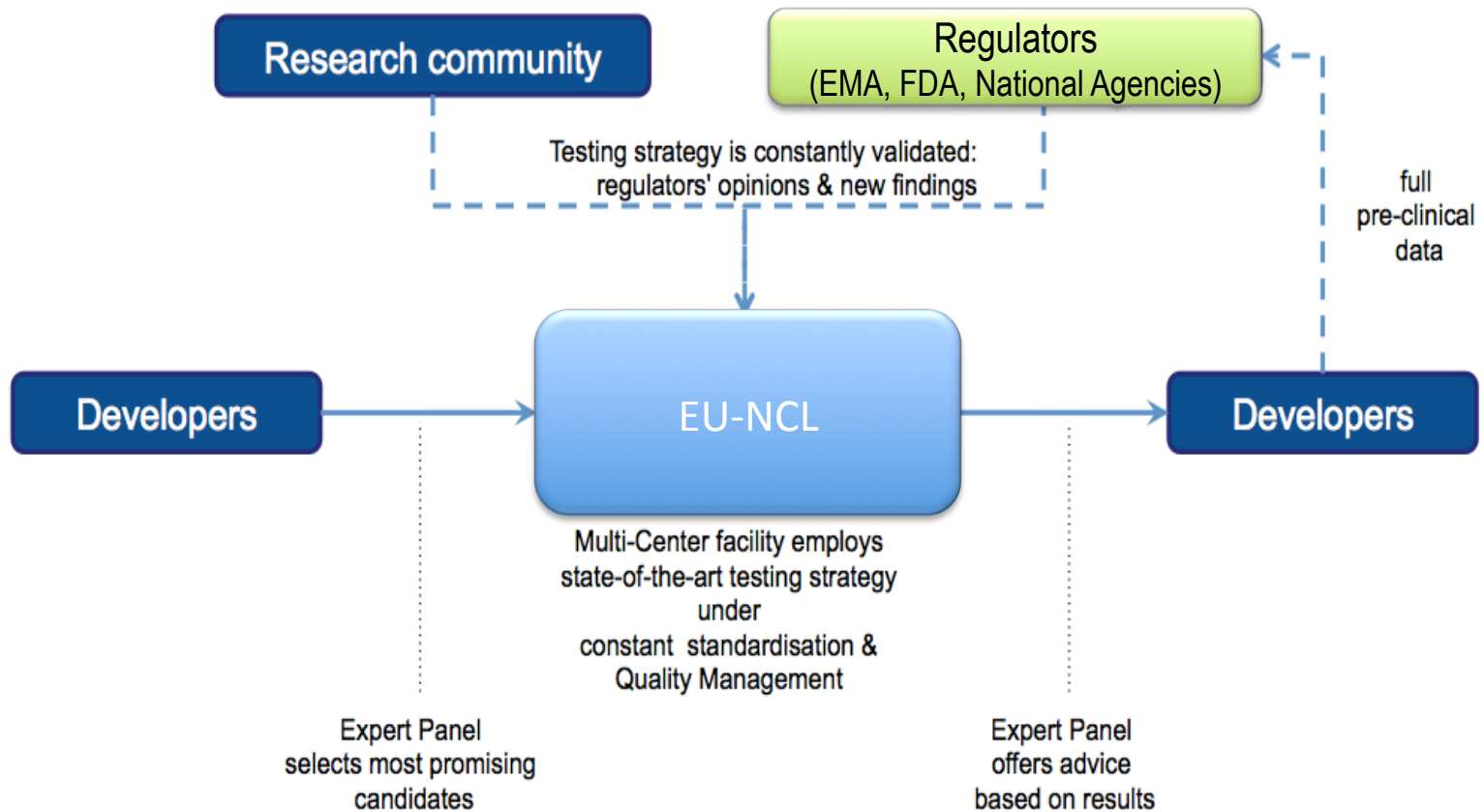
- INL, Braga, PT



Our Objectives

- To perform and standardize the pre-clinical characterization of nanomaterials intended for medical therapies in Europe
- To accelerate translation of engineered nanoparticles for medicine applications to medicinal products
- To improve quality of data in IMP applications by using recognised and standardised methods
- To support product developer by addressing feedback of decision makers regarding nanospecific properties
- To identify and to characterize critical parameter related to nanomaterial interaction with biological systems

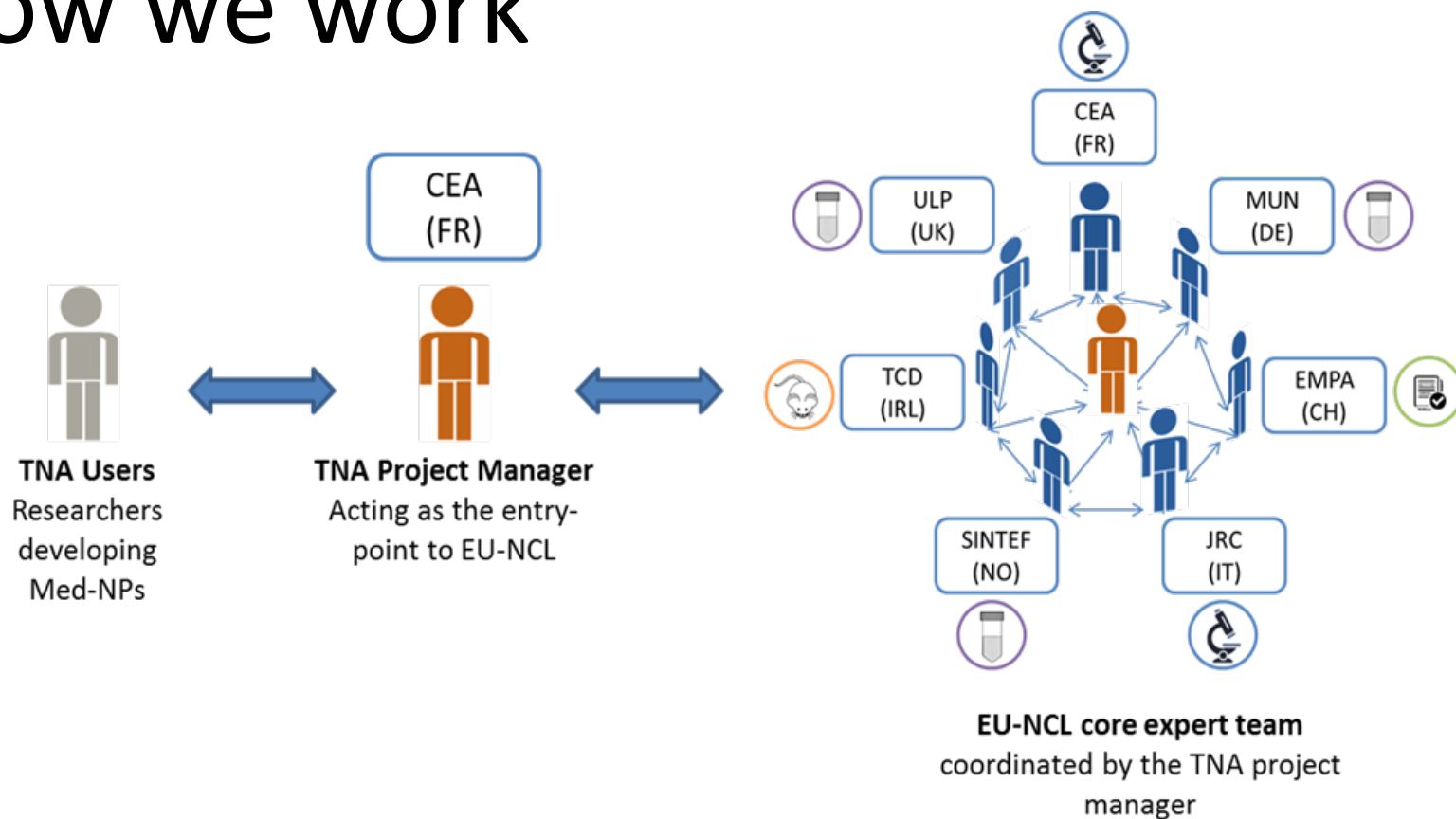
EU-NCL Concept



What we offer



How we work



Distributed infrastructure

Expertise of the consortium partners



Physico-chemistry



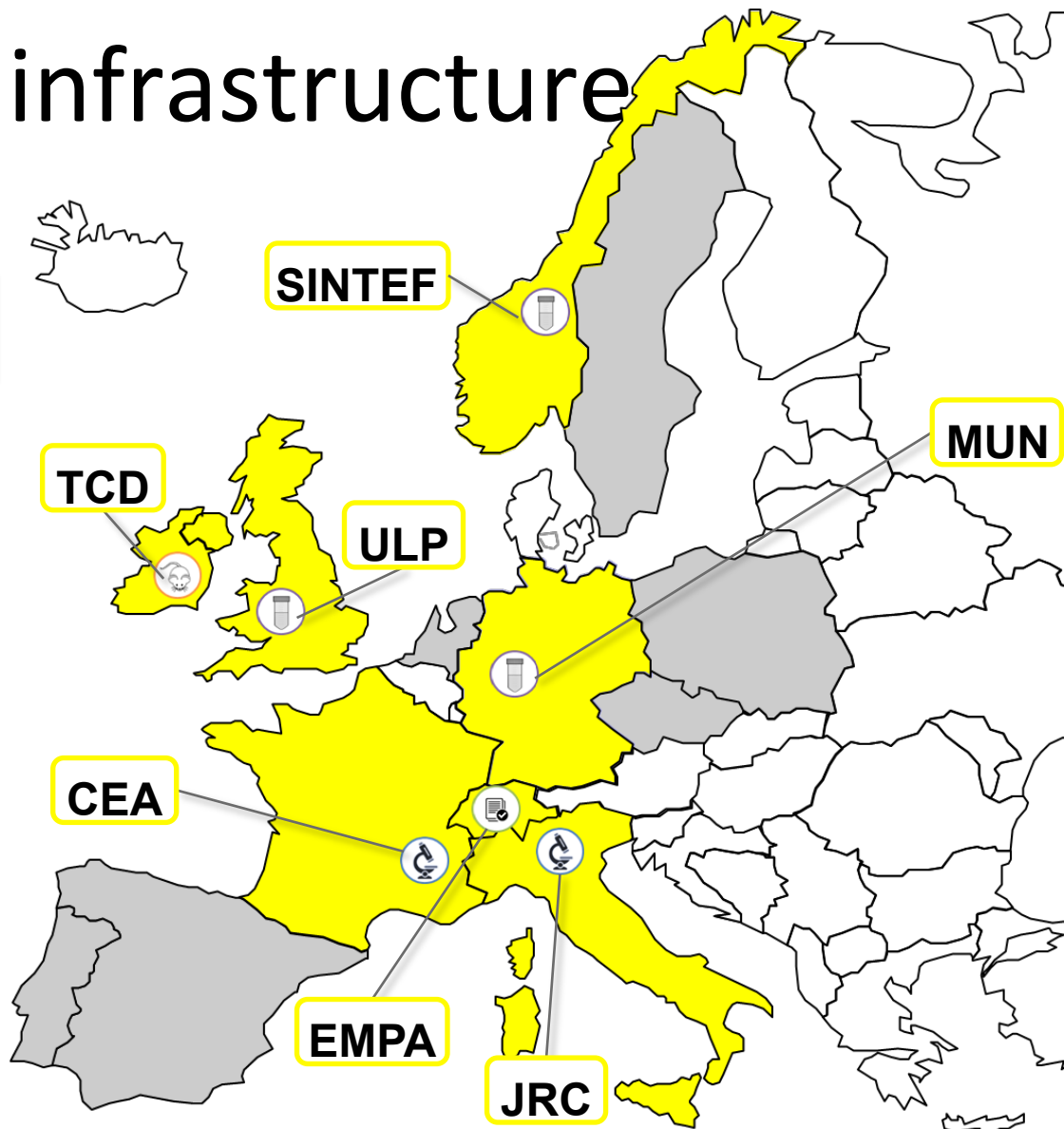
Biological *in-vitro*



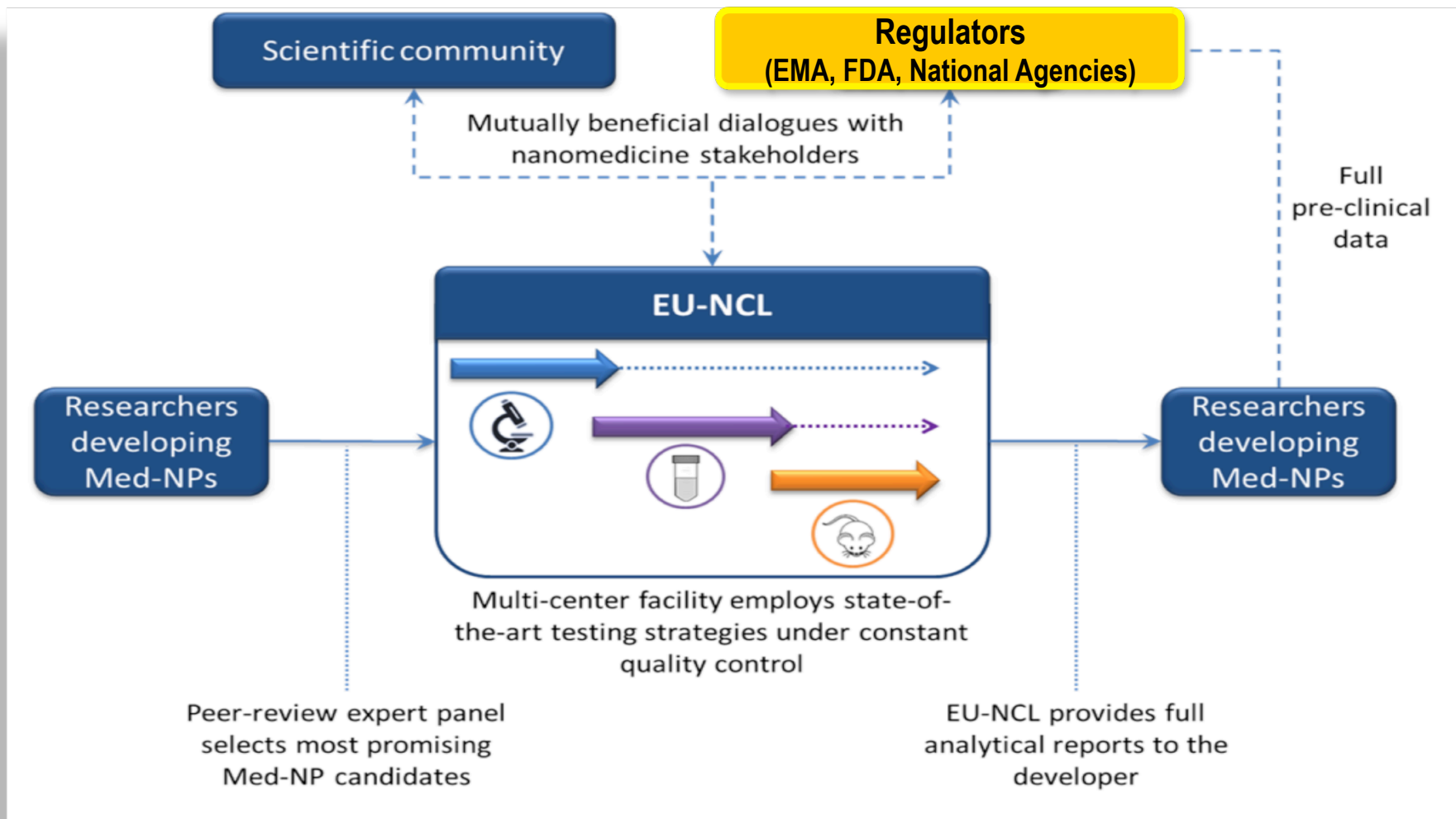
Biological *in-vivo*



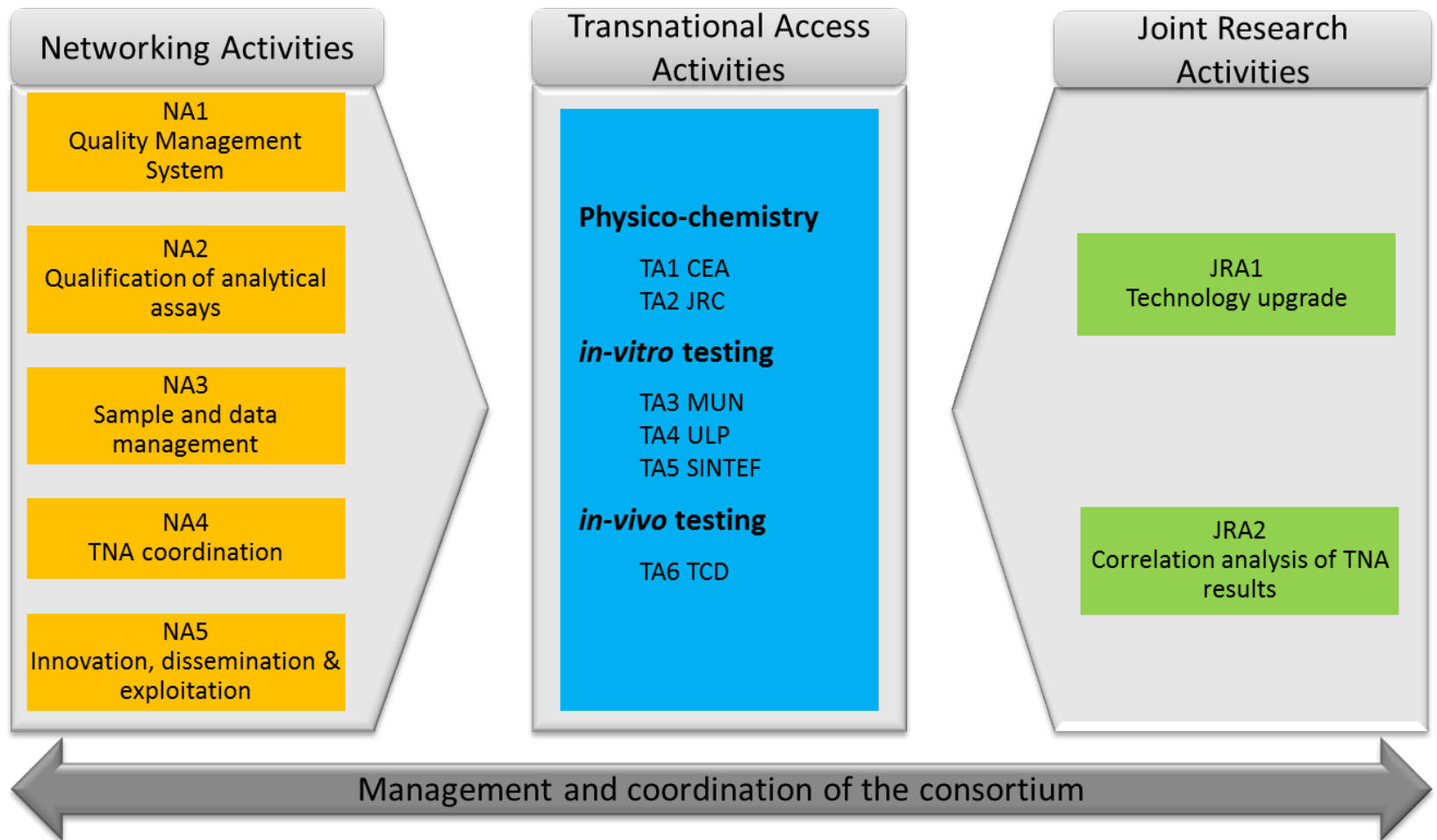
Quality



EUNCL Concept



Activity Groups



Contact

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