Eight (8) projects were awarded funding as a result of our Digital Life Sciences Open Call.

The project work kicked off in spring/summer 2021. The achievements made by meeting both small and large project milestones are described under the individual project descriptions below.
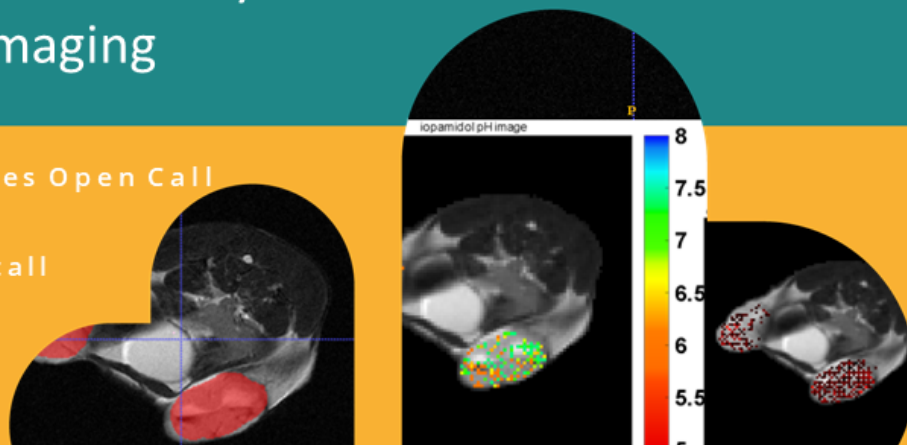
Funded Project 1

Integrating EU-RI datasets for preclinical and discovery research bioimaging

Project team: Elisabetta Spinazzola and Sara Zullino, University of Torino

Jean-Marie Burel, Marco Comerci, Philipp Gormanns, Dario Longo, Mario Magliulo, Rafaele Matteoni, Jason Swedlow, Andrea Zaliani

Brief project summary:

European Research Infrastructures (RIs) generate an increasing amount of data across different life science domains, such as animal model strains (INFRAFRONTIER), chemical entities (EU-OPENSCREEN), and biomedical imaging (Euro-BioImaging). These three RIs are joining forces to try to combine their resources by building novel, open-source tools for integrating the information associated with data belonging to their infrastructures. This will ultimately provide users with free, open access to collections of datasets distributed over multiple sources when making searches by specific keywords.

RIs involved:

Euro-BioImaging

INFRAFRONTIER

EU-OPENSCREEN

Sustainable outcomes:

- Workflow Life Science cross-RI project

Funded Project 2

A workflow for marine Genomic Observatories data analysis

Project team: Christina Pavloudi, Hellenic Centre for Marine Research

Haris Zafeiropoulos, Stelios Ninidakis, Antonis Potirakis, Evangelos Pafilis, Cymon J. Cox, Gianluca De Moro, Robert Finn, Ekaterina Sakharova, Martin Beracochea, Ibon Cancio, Maria Luisa Chiusano, Erwan Corre, Katrina Exter, Nicolas Pade