

## May 18<sup>th</sup> 2022 IBIOM

## A Multidisciplinary Research Approach



Established in 1969 as Center for Study of Mitochondria and Energetic Metabolism

**UNIBA** 

UNIMI

**UNITUS** 

UNIBO

**UNICAL** 

## CNR Bari Research Area

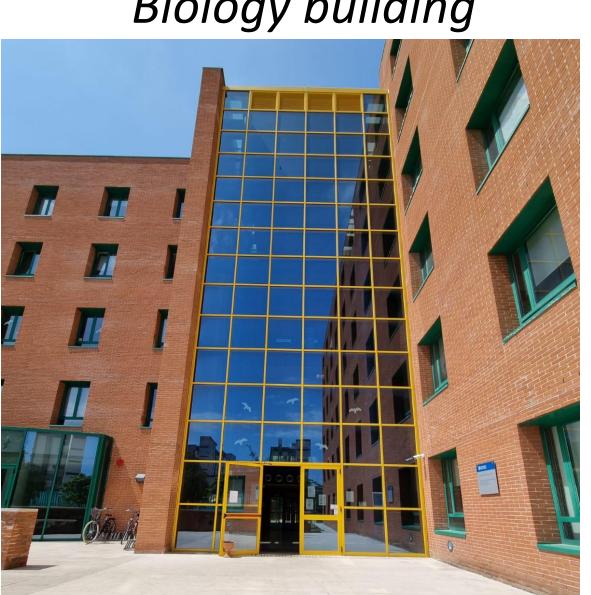


Established in 1969 as Center for Study of Mitochondria and Energetic Metabolism **Department of Basic Medical** Sciences, Neuroscience and Sense **Organs-UNIBA** 



Department of Biosciences, Biotechnologies and **Biopharmaceutics - UNIBA** 

Biology building



Pharmacy building



Molecular **Biodiversity** 

Mitocohondrial Physiopathology

Genomics **Molecular Evolution** 



Membrane **Protein Based Drug Discovery** 

**Bioinformatics Molecular Docking** 

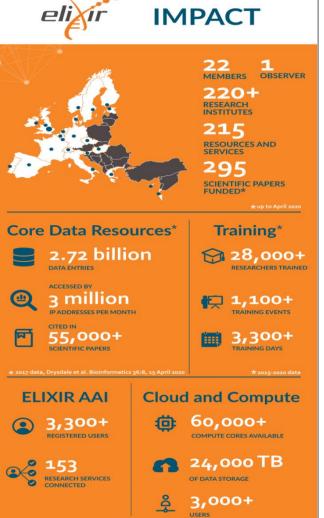


**Biomedicine – Precision medicine Human Bioenergetics** Agro-environmental biotechnologies

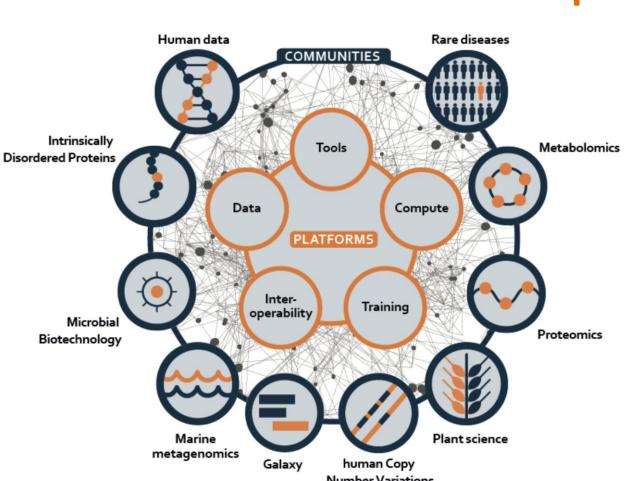


The Italian Node of the European **Research Infrastructure for Biological Information** 





**ELIXIR Infrastructure Landscape** 





European Research Infrastructure Consortium providing **e-Science research facilities** to biodiversity investigate and ecosystem functions and services

Research Director

Senior scientists

Researchers

Technicians/Administrative staff

Post Docs, fellowships, PhD students

## Research associates





NovaSeq

**Automated liquid** 

handling systems

**NGS STAR** 

**PacBio** 



**Bionano Genomics®** Saphyr<sup>™</sup>

**Metabolomics Platform** 

BIG DATA FOR BETTER LIFE



**Orbitrap Fusion** TM



A new proposed infrastructure dedicated to paediatric research that will work to accelerate and expand the paediatric drug development processes by enhancing innovative technologies and methods

