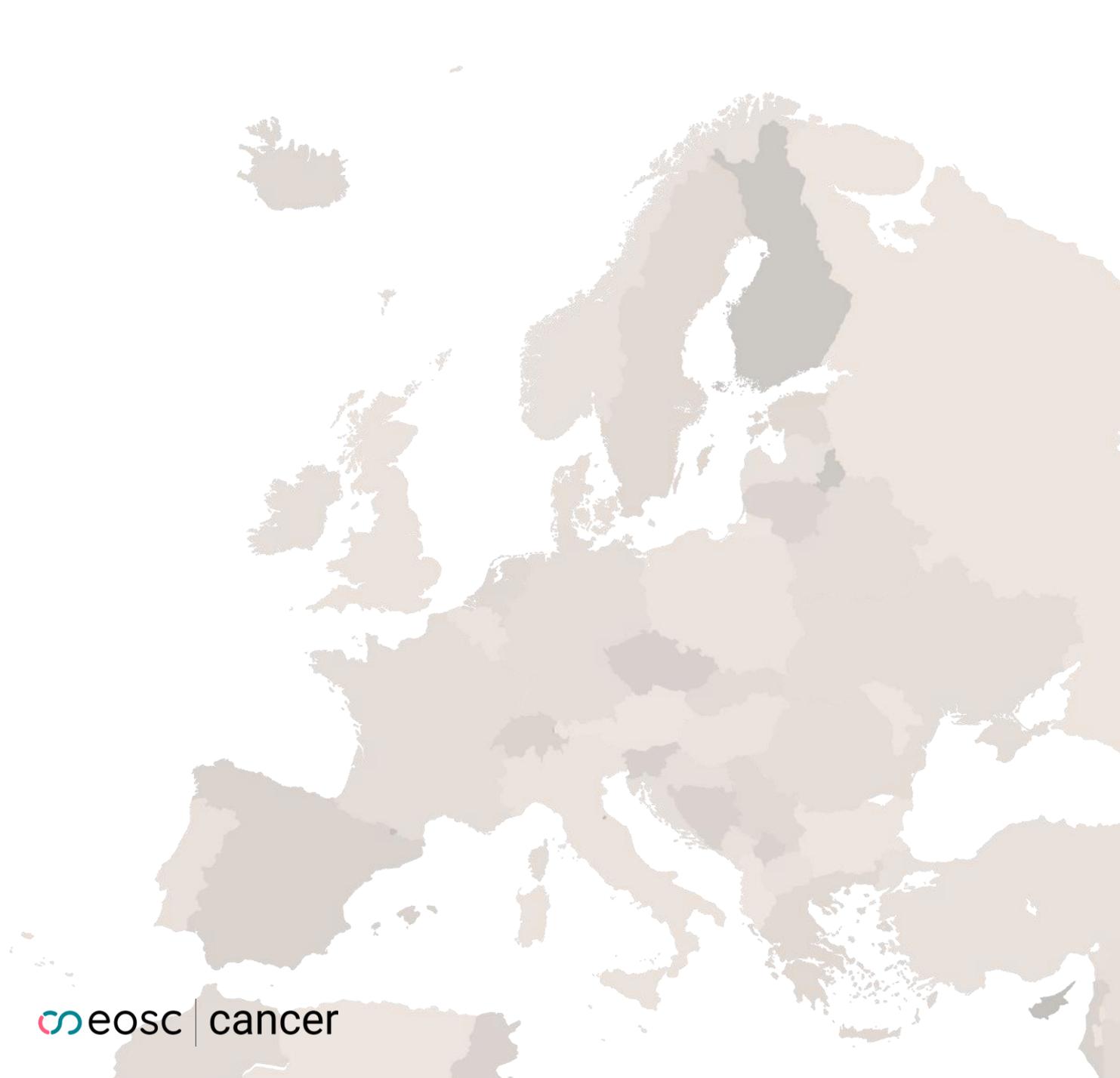
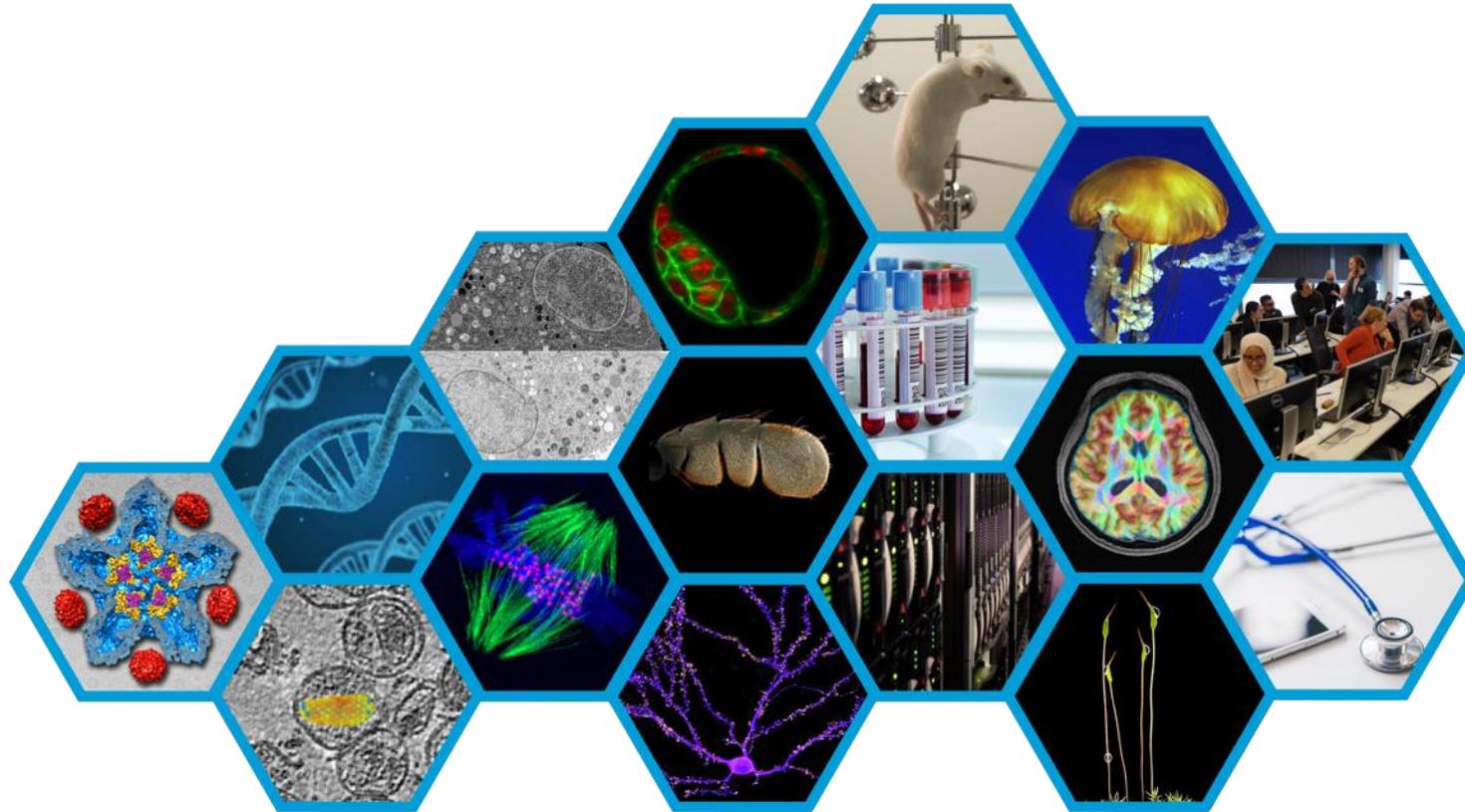




Connecting data

- across disciplines
- across Europe





Modern biology is a data science

EOSC-Life provides a collaborative space for digital biology that serve life-science researchers; from fundamental biology to translational medicine and clinical trials.





Consortium of European Social Science Data Archives



National Health Data Infrastructures



Hospitals



Consortia



Universities



Medical Centres



Research Centres



Public Health Laboratories

Mobilise

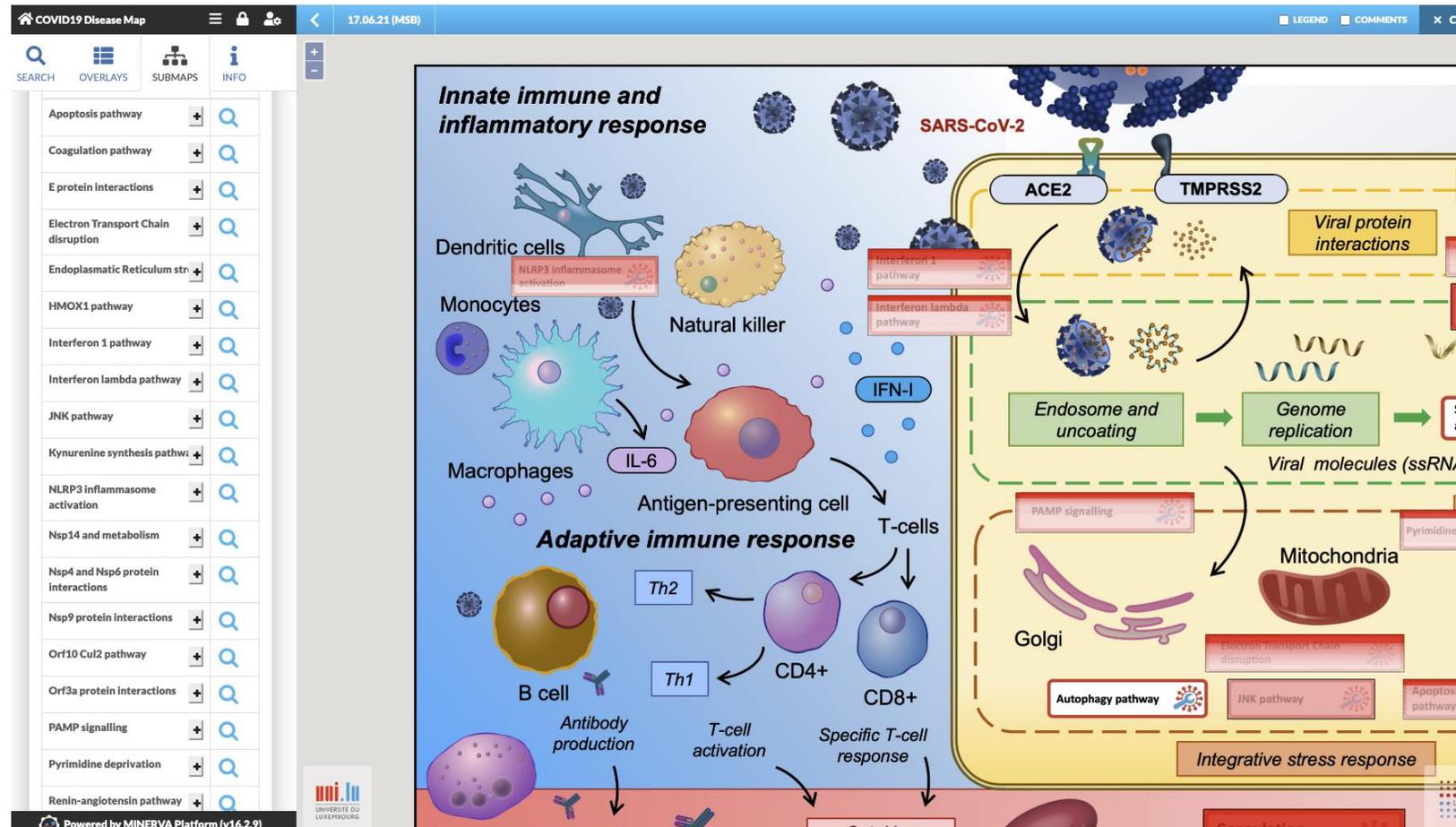
Connect

Standardise

Expose & analyse



Mobilise – Connect – Standardise: Data in context



<https://covid19map.elixir-luxembourg.org/minerva/>

Deep and contextual linking of Social science & humanities data

COVID-19 Data Portal

About Tools FAQ Related Resources Bulk Downloads Submit Data

Viral Sequences Host Sequences Expression Proteins Networks Cohorts More

Social sciences & humanities

Accelerating research through data sharing

Search Search

Examples: ... [Advanced search](#)

Showing 3 of 524 in All > Social sciences & humanities

Data types **CESSDA catalogue** 524 results

All

COVID-19 Data Portal

About Tools FAQ Related Resources Bulk Downloads Submit Data

Viral Sequences Host Sequences Expression Proteins Networks Cohorts More

COVID-19 Data

Accelerating research through data sharing

Vaccination Search

Examples: ACE2 , Severe acute respiratory syndrome 2 ... [Advanced search](#)

Search results for: **Vaccination** [X]

Showing 22 of 66,044 in All

Data types **Viral sequences** 20 results

All

- Viral sequences (20)
- Host sequences (44)
- Expression (2)
- Proteins (14)
- Networks (1)
- Literature (65,861)
- Samples (34)
- Related resources (1)
- [Social sciences & humanities](#) (67)

PRJNA761026
SARS-CoV2 spike mRNA vaccine sequences circulate in blood up-to at least 28 days after COVID-19 vaccination
Source: project-covid19

PRJNA722318
Live Virus Neutralisation of the 501Y.V1 and 501Y.V2 SARS-CoV-2 Variants following INO-4800 Vaccination of Ferrets
Source: project-covid19

PRJNA728728
Evidence of vaccine escape by B.1.351 during the second wave of COVID-19 in Bangladesh
Source: project-covid19

[View all 20 results in Viral sequences](#)

Promoting use and value of databases, standards, policies

FAIRsharing.org

STANDARDS DATABASES POLICIES COLLECTIONS ORGANISATIONS ADD

GENERAL INFORMATION

BY-COVID BY-COVID Data Resources

Type: Collection

Registry: Collection

Description: This collection lists of resources that are developed by BY-COVID Consortium members. It is currently a DRAFT collection.

Organizations: Not applicable

Homepage: <https://by-covid.org/about/partners>

Reference URL: None found

Maintainers: FAIRsharing Team, bioRxiv

Contacts: None

Subjects: [View Subjects](#)

Domains: None

Taxonomic Range: [View Taxonomic Range](#)

User Defined Tags: None

How to cite this record

FAIRsharing.org/10.22015/FAIRsharing/EG/0773, Last Edited: Wednesday, August 14th 2024, 11:06, Last Editor: [@jacobson](#), Last Accessed: Monday, November 14th 2024, 13:14

Record ID: 0773 | [View Record](#) created at: [Thursday, January 27th 2022, 16:30](#) | [Record updated at:](#) [Wednesday, August 14th 2024, 11:06](#)

Search through current results

SEARCH KEY	SEARCH TERM	SEARCH TERM	SEARCH TERM
REGISTRY	REGISTRY	REGISTRY	REGISTRY
REGISTRY	REGISTRY	REGISTRY	REGISTRY
REGISTRY	REGISTRY	REGISTRY	REGISTRY

EGP The European Genome-phenome Archive

EMDB Electron Microscopy Data Bank

CHEMBL ChEMBL

FAIRsharing.org

STANDARDS DATABASES POLICIES COLLECTIONS ORGANISATIONS ADD

GENERAL INFORMATION

EGP The European Genome-phenome Archive

Type: Collection

Registry: Collection

Description: The European Genome-phenome Archive (EGA) is a public archive of genomic data and associated phenotypic data. It is currently a DRAFT collection.

Organizations: <https://ega-archive.org/>

Homepage: <https://ega-archive.org/>

Reference URL: <https://ega-archive.org/>

Maintainers: <https://ega-archive.org/>

Contacts: <https://ega-archive.org/>

Subjects: [View Subjects](#)

Domains: [View Domains](#)

Taxonomic Range: [View Taxonomic Range](#)

User Defined Tags: [View User Defined Tags](#)

How to cite this record

FAIRsharing.org/10.22015/FAIRsharing/EG/0773, Last Edited: Thursday, March 27th 2025, 14:52, Last Editor: [@jacobson](#), Last Accessed: Monday, November 14th 2024, 13:14

Record ID: 0773 | [View Record](#) created at: [Thursday, January 27th 2022, 16:30](#) | [Record updated at:](#) [Thursday, March 27th 2025, 14:52](#)

Search through current results

SEARCH KEY	SEARCH TERM	SEARCH TERM	SEARCH TERM
REGISTRY	REGISTRY	REGISTRY	REGISTRY
REGISTRY	REGISTRY	REGISTRY	REGISTRY
REGISTRY	REGISTRY	REGISTRY	REGISTRY

ISA-Tab Investigation Study Assay Tabular

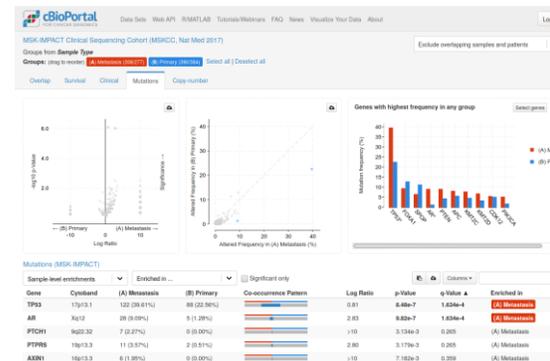
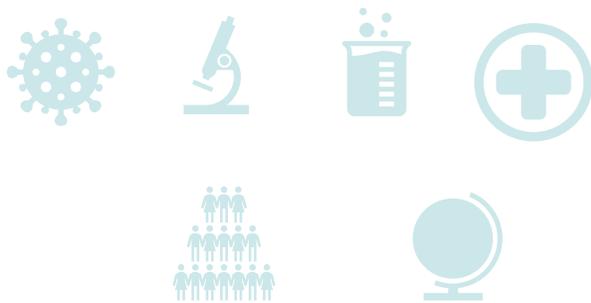
Minimal information for Chemosensitivity Assays

Marine Regions

Integrated resource of protein families, domains and functional sites

ProDom

EOSC 4 Cancer concept



EOSC-Life: Building a digital space for the life sciences

D4.4 – Report on data standards for observational and interventional studies, and interoperability between healthcare and research data

WP4 – Policies, specifications and tools for the management of data for biological and medical research
Lead Beneficiary: ECRIN, BBMRI
WP leader: Jacques Demotes and Michaela Mayrhofer
Contributing partner(s): ECRIN, EATRIS, ERINHA, Lygature, VHIR

Authors of this deliverable: Steve Canham, Christian Ohmann, Jan-Willem Bolten
With contributions from: Maria Panagiotopoulou (ECRIN), Nigel Hughes (EHDEN/Janssen), Romain David (ERINHA), Alex Sanchez Pla (VHIR), Lauren Maxwell (ReCoDID/Heidelberg University Hospital), Jozef Aerts (XML4Pharma), Rhonda Facile (CDISC), Nicolas Griffon (APHP), Gary Saunders (EATRIS), Kees van Bochove (EHDEN/The Hyve), Jonathan Ewbank (ERINHA)

Contractual delivery date: 31 August 2021
Actual delivery date: 30 December 2021
H2020-INFRAEOSC-2018-2

Grant agreement no. 824087
Horizon 2020
Type of action: RIA





Way forward

- Build on – and strengthen – existing disciplinary data resources & catalogues
- Good research data management is key
 - *Rooted in disciplinary standards and national capabilities*
- Meaningful *Inter-disciplinary* interoperability is hard
 - *Focus on high-value use-cases – link to e.g. Missions*
 - *Invest in data discovery & well annotated repositories – foundation for just-in-time interoperability*
- People – train & retain
 - Organisational capability starts with people strategy
 - People mobility, development and retention
- Beyond data!
 - *Software, workflows, standards, training materials, processes...*

