PREPAREDNESS AND RESPONSE OF LS RIS
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PREPAREDNESS AND RESPONSE

- What level of preparedness is required for an emergency response, how could this be improved?

- How to develop synergies and complementarities with other national and international efforts in a lasting crisis?

- How to share data available worldwide?

- How to address conflicting national priorities and develop international governance?

→ It is not a question of if, but when (right mindset & setup; stress test)

→ No need to reinvent the wheel anew! (collaborate)

→ Put on the map (ensure interoperability)

→ Embrace for politics, rely on transparent, FAIR and fair procedures already in place!

Photo by Christian Lue on Unsplash
**COVID-19 FILTER IN DIRECTORY**

10.05.2021
PUTTING BIOBANKS ON THE MAP
FOR RARE DISEASES AND BIOBANKS PROVIDING COVID-19 SERVICES AND COLLECTIONS, THE BBMRI-ERIC DIRECTORY AND NEGOTIATOR PUTS BIOBANKS ON THE GLOBAL MAP.

How to list your biobank on the BBMRI-ERIC Directory?

Fill out this form & connect with us: shorturl.at/mpBGP

This form has been designed for collection of resources that biobanks have samples and data collections relevant for research on SARS-CoV-2 and COVID-19. Upon completing this input form, you could be contacted by a BBMRI-ERIC IT member to continue the process.

Please note that all information listed under our Directory (e.g. name and location of biobank) is public information. Requests sent through the Negotiator are visible only to select BBMRI-ERIC personnel and are subject to GDPR (Details, see Access Policy).
QM & ELSI KNOWLEDGE TRANSFER

- BBMRI.QM webinar series on biobanking during the coronavirus pandemic (900 participants)
- BBMRI.ELSI webinar on COVID-19 and ethical, legal and societal issues and Q&A (600 views & downloads)
COLLABORATE WITH OTHERS

- Connect with COVID19 Data Portal
- Strong coordination with AMRI & other research infrastructures via ERIC Forum, ESFRI, and international partners and projects/proposals
- ....
COVID-19 tools for clinical research

[https://ecrin.org/covid-19-taskforce](https://ecrin.org/covid-19-taskforce)

- **Toolbox**
  - Literature review
  - Funding opportunities
  - Regulatory / ethical context
  - Fast-track procedures
  - COVID trial registries

- **Launch of ECRIN clinical trial metadata repository**
- COVID19 clinical trial GDPR-compliant [data sharing platform](https://ecrin.org/covid-19-taskforce)
  - part of EU COVID data portal, EOSC-Life (WP14)
- **Toolbox to design and manage platform trials**
  - EU-RESPONSE WP3 & RECOVER WP9
Multinational COVID-19 Trials
design, planning, regulatory/ethical support, monitoring, data management and sharing

- **H2020 EU-RESPONSE**
  - DisCoVeRy: pan-EU expansion of platform trial
  - SolidAct: new platform trial for drug registration (moderate or severe COVID)

- **H2020 RECOVER**
  - REMAP-COVID multidomain platform trial

- **H2020 VACCELERATE**
  - Vaccine trial network -> master protocols, support to vaccine trials

- **Coordination of clinical research**: common work package led by ECRIN
  - Trial Coordination Board: dialogue between all large trials and stakeholders
  - Joint Access Mechanism: access to all large platform trials for new arms
  - Trial marketplace: connect investigators to avoid duplication of trials
EATRIS COVID-19 Research Forum

43 Institutions
100 Members

COVID-19 Research Activities

Support research policy
Support academic translational research
Accelerated drug & vaccine services

Fast translation of research findings into new interventions

10.05.2021
Research services to SME, academia, governments

Wide range of study requests

Regulatory Advice
Developing a vaccine consisting of the SARS-CoV-2 Spike Receptor Binding Domain (RBD) displayed on Virus-Like Particles

Virus Production
Expert advice to produce virus and establish BSL-3 facilities

12 Industry studies

14 Academic studies

2 Governmental studies

In vivo studies
Immunogenicity studies in vivo for challenge against the SARS-COV-2 virus

Rapid Test development
Validation testing of rapid LAMP PCR-Based system in Basque Healthcare system

MoA studies for Repurposing Drugs
In vivo models and Mechanism of action studies for repurposing drugs

48-hour response time

10.05.2021
University of Helsinki and University of Eastern Finland Develop Nasal Spray Vaccine

Rokote Laboratories Finland Ltd., is a newly-founded, Finnish academic spin-out working to develop and introduce to the markets a nasal spray vaccine against COVID. The vaccine is based on research carried out at the University of Helsinki and the University of Eastern Finland.
Node director Prof. Seppo Ylä-Herttuala

COVID-19 Gargling tests available soon

Scientists at the Institute of Molecular and Translational Medicine at Palacky University in Olomouc, Czech Republic have developed a self-test that involves gargling tap water. This is a pleasant alternative to the current method of nose-swab test.
Node Director Prof. Marian Hajduch

10.05.2021
Lessons Learned

What level of preparedness is required for an emergency response, how could this be improved?

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→ Stress Test

→ Build on what you have!

→ Do your homework before the next crisis

“The best infrastructure is the one you do not know that exists.”

Photo by Jayanth Reddy on Unsplash
MORE QUESTIONS? GET IN TOUCH!

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