



# COVID-19 clinical trials

Towards an EU-wide clinical trial network

*Meeting on cooperation between the EU and Associated Countries  
(R&I actions, COVID-19, Horizon Europe)  
19 Oct. 2020*

# Background & rationale

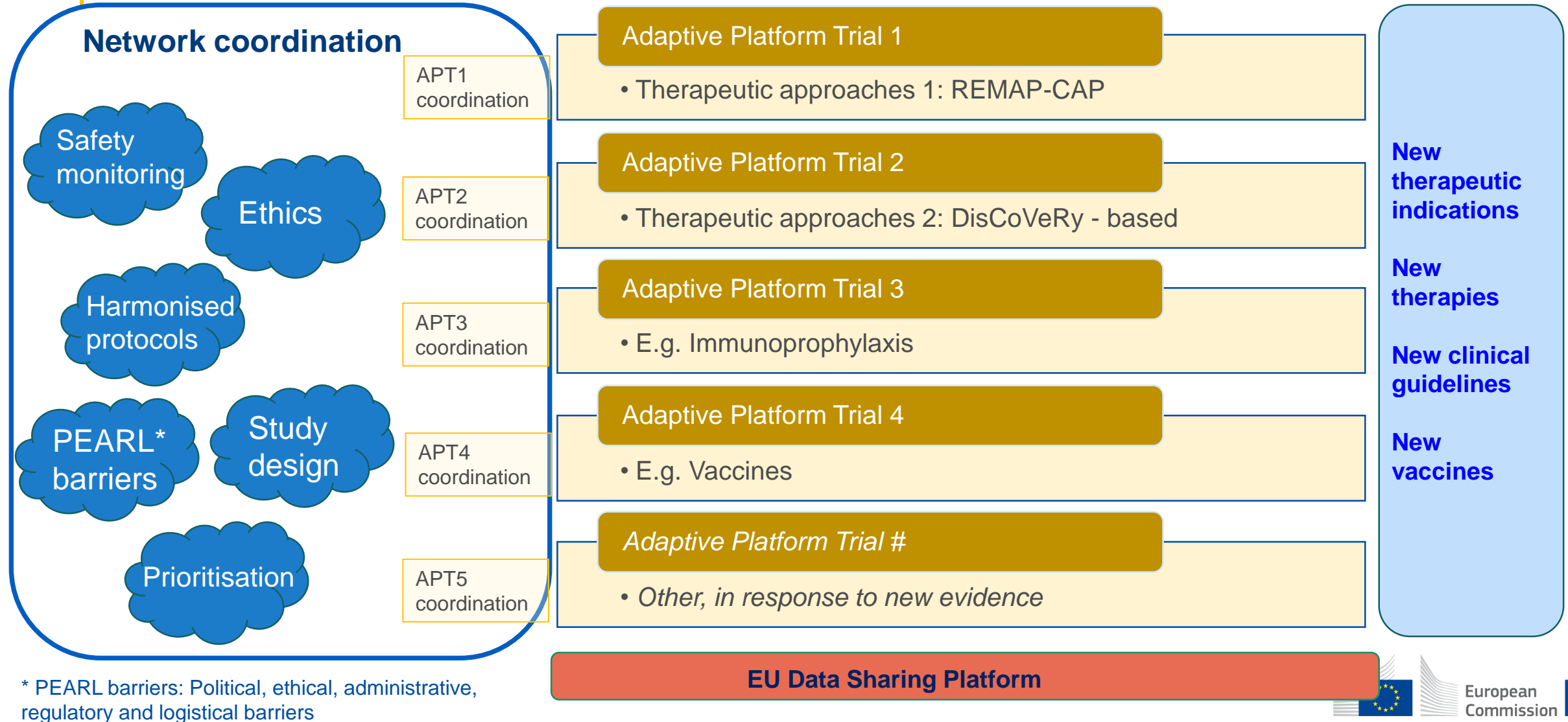
- Observed fragmentation of study initiatives
  - Call by EMA/CHMP to pool resources for large-scale multi-centre, multi-arm clinical trials
- [ERAvsCORONA action plan](#)
  - Short-term coordinated R&I actions
  - 2<sup>nd</sup> priority action on extending and supporting large EU wide clinical trials for clinical management of COVID19 patients, aiming at gathering additional funding to extend and support the implementation of large-scale, multi-centric clinical trials across Europe

# Towards an EU-wide clinical trials network

- Aim to enable the collaboration and coordination between Member States and research sites, to support the implementation of large-scale, multi-centric COVID-19 clinical trials across Europe
- Generation of robust evidence to support regulatory decisions & inform policy
- Necessary agility to rapidly react and integrate new research findings
- Inclusive geographic scope
- Support overcoming political, ethical, administrative, regulatory and logistical (PEARL) hurdles for rapid implementation or adaptation of clinical trials

# Our vision

## Network based on Adaptive Platform Trials (APT)



# H2020-funded therapeutic (platform) trials

- EU-RESPONSE project
  - Based on DisCoVeRy trial
  - Geographic extension
- RECOVER project
  - REMAP-CAP/COVID trial
  - First results published in [JAMA](#) (2 Sep)
- SUPPORT-E project
  - Supports clinical evaluation of COVID-19 convalescent plasma

# Towards a vaccine trials network

- Contribute to evidence-informed public health policy
  - ! Context of vaccine hesitancy !
  - Need additional complementary data to inform decisions on vaccination strategy
  - Should be explored in Phase I, Phase II and Phase III trials (pre-authorisation)
  - And continue in Phase IV (post-authorisation)
- Scope
  - Facilitate large-scale trials for industry, SME & academic developers
  - Inform public health policy on vaccination strategies
  - Adequate monitoring of vaccine safety and effectiveness

# European COVID-19 data portal

## European COVID-19 Data Portal :

Enables researchers to store, share, access, analyse and process data on SARS-CoV-2 and COVID-19

### Biochemistry →

COVID-19 pathways, interactions, complexes, targets and compounds.

[2,255 records >](#)

### Literature →

Search for the latest literature about SARS-CoV-2.

[182,953 publications >](#)

### Related resources →

A range of related resources for studying the SARS-CoV-2 coronavirus and the COVID-19 disease

### Help make the portal better

Are you a researcher working with COVID-19 data? We would like to hear your feedback on this portal and the presentation of the data you are interested in.

[Sign up to participate >](#)

### Share new COVID-19 data >

Contact our curator teams, who will assist you with submitting your data to EMBL-EBI repositories >

To enquire on how to collaborate on the European COVID-19 platform: [ecovid19@ebi.ac.uk](mailto:ecovid19@ebi.ac.uk).

To share your data on COVID-19 Data Portal: [virus-dataflow@ebi.ac.uk](mailto:virus-dataflow@ebi.ac.uk).

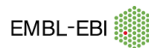
#### COVID DATA RESOURCES

[Viral sequences](#)  
[Host sequences](#)  
[Expression](#)  
[Proteins](#)

[Biochemistry](#)  
[Literature](#)  
[Related Resources](#)

#### ABOUT

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## Accelerating research through data sharing

### Viral sequences →

Raw and assembled sequence and analysis of SARS-CoV-2 and other coronaviruses.

[119,103 records >](#)

### Host sequences →

Raw and assembled sequence and analysis of human and other hosts.

[997 records >](#)

### Expression →

Gene and protein expression data of human genes implicated in the virus infection of the host cells. Identifying cell types and genes with highest expression in SARS-CoV-2 infections.

[72 records >](#)

### Proteins →

Curated functional and classification data on the SARS-CoV-2 protein entries and associated protein receptors.

[651 records >](#)

### About this portal

The COVID-19 Data Portal was launched in April 2020 to bring together relevant datasets for sharing and analysis in an effort to accelerate coronavirus research. It enables researchers to upload, access and analyse COVID-19 related reference data and specialist datasets as part of the wider European COVID-19 Data Platform.

