

## DRAGON conference: lessons learnt from COVID-19

1-2 June 2023 – Brussels, Belgium



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### Thursday, 01 June 2023

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Session 1: 08:30–09:00 Central European Time (CET)

#### Welcome

##### Aims

1) Share the DRAGON consortium experience with clinical networks; 2) Provide an overview of the best diagnosis/prediction models implemented for both acute and long COVID-19; 3) Outline the use of AI and machine learning to deliver a patient-centred decision support system for rapid precise diagnosis and prognosis; and 4) Discuss on the current pandemic preparedness.

##### Target audience

DRAGON consortium members, healthcare professionals, general practitioners, clinicians, scientists, epidemiologists, data scientists, radiologists, public health representatives and patient organisations.

##### Chairs

*Christopher Brightling (Leicester, United Kingdom)*

*Eva Polverino (Barcelona, Spain)*

##### 08:30 Introduction and objectives of the meeting

*Christopher Brightling (Leicester, United Kingdom) - Eva Polverino (Barcelona, Spain)*

##### 08:40 Keynote Lecture

*Speaker TBC*

Session 2: 09:00–12:00 Central European Time (CET)

#### Clinical networks and clinical trials

##### Chairs

*Stefano Aliberti (Milan, Italy)*

##### Panel: Clinical networks and clinical trials

##### 09:00 How to form a clinical network

**How clinical trials have been developed and approved on time  
Teamwork, agility, and patient empowerment**

*DRAGON consortium panel  
ELF representative*

**10:20 Break**

**10:50 Moderated discussion**

*DRAGON consortium panel*  
*ELF representative*

**12:00 Lunch Break**

Session 3: 13:00–14:30 Central European Time (CET)

## **Acute COVID - diagnostics and prediction**

**Chairs**

*Christopher Brightling (Leicester, United Kingdom)*  
*Eva Polverino (Barcelona, Spain)*

**Panel: Acute COVID - diagnostics and prediction**

**13:00 Imaging strategies**  
**Near patient tests (biomarkers)**  
**Prediction models**  
**How do we establish monitoring strategies**

*DRAGON consortium panel*  
*ELF representative*

**14:00 Moderated discussion**

*DRAGON consortium panel*  
*ELF representative*

Session 4: 14:30–15:00 Central European Time (CET)

## **Long COVID - diagnostics and prediction**

**Chairs**

*Christopher Brightling (Leicester, United Kingdom)*  
*Eva Polverino (Barcelona, Spain)*

**Panel: Long COVID - diagnostics and prediction**

**14:30 Imaging strategies**  
**Near patient tests (biomarkers)**  
**Prediction models**  
**How do we establish monitoring strategies**

*DRAGON consortium panel*  
*ELF representative*

**14:50 Moderated discussion**

*DRAGON consortium panel*  
*ELF representative*

**15:00 Break**

Session 5: 15:15–16:45 Central European Time (CET)

## **AI - diagnostics and prediction**

### **Chairs**

*Christopher Brightling (Leicester, United Kingdom)*

*Eva Polverino (Barcelona, Spain)*

### **Panel: AI - diagnostics and prediction**

**15:15 DRAGON artificial intelligence**  
**Other prediction models**  
**Personalised monitoring in at-risk groups**

*DRAGON consortium panel*

*ELF representative*

**16:15 Moderated discussion**

*DRAGON consortium panel*

*ELF representative*

Session 6: 16:45–17:30 Central European Time (CET)

## **Pandemic preparedness**

### **Chairs**

*Anita Simonds (London, United Kingdom)*

*WHO/ECDC representative*

**16:45 Infrastructure**  
**Public health: what do we prepare for?**  
**Communication: mistakes and best practice**

*DRAGON consortium panel*

Session 7: 17:30–17:40 Central European Time (CET)

## **Wrap-up**

**17:30 Summary and conclusions**

*Christopher Brightling (Leicester, United Kingdom) - Eva Polverino (Barcelona, Spain)*

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# Friday, 02 June 2023

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Session 1: 08:30–08:45 Central European Time (CET)

## Welcome

### Chairs

*Christopher Brightling (Leicester, United Kingdom)*

*Eva Polverino (Barcelona, Spain)*

### 08:30 DRAGON: Questions and strategies

*Christopher Brightling (Leicester, United Kingdom) - Eva Polverino (Barcelona, Spain)*

Session 2: 08:45–10:00 Central European Time (CET)

## Huddle-by-table

### Chairs

*Christopher Brightling (Leicester, United Kingdom)*

*Eva Polverino (Barcelona, Spain)*

### 08:45 What are the scientific questions around clinical trials and biomarkers?

*DRAGON consortium members with audience*

### 09:30 Reporting

### 10:00 Break

Session 3: 10:30–12:00 Central European Time (CET)

## Huddle-by-table

### Chairs

*Christopher Brightling (Leicester, United Kingdom)*

*Eva Polverino (Barcelona, Spain)*

### 10:30 What are the public health priorities and strategies?

*DRAGON consortium members with audience*

### 11:15 Reporting

### 11:30 Wrap-up & Next steps

*Christopher Brightling (Leicester, United Kingdom) - Eva Polverino (Barcelona, Spain)*

[Preliminary Programme – last update 13.02.2023](#)

*All timings are in Central European Time (CET)*