



FEAM European Biomedical Policy Forum
Annual lecture (hybrid event), 26 October 2022 | 14.00-17.00 CET
ZOOM and Fondation Universitaire Stichting, Rue d'Egmont 11 – 1000 Brussels

'Digital Health and AI: Benefits and Costs of Data Sharing in the EU'

Digital Health and AI: Benefits and Costs of Data Sharing in the EU

FEAM FORUM ANNUAL LECTURE

26 OCTOBER 2022 | 14:00 - 17:00 (CET) | HYBRID EVENT

Register at www.feam.eu



This event is co-sponsored by:



Background Information

Digital technology is rapidly evolving, holding great promise in improving healthcare systems. This new technology has a huge positive impact in all areas, but it also leads to major consequences and challenges on regulatory and policy frameworks. While the world has faced the outbreak of a novel coronavirus disease, by using a wide range of services – such as telemedicine, storage of electronic medical records, virtual education – digital health has contributed positively to the resilience of the healthcare system. Those tools build upon advances in Big Data and Artificial Intelligence (AI), two major options for improving healthcare innovation. In its communication on the [European strategy for data](#), the Commission emphasizes the importance of data to consolidate the EU digital economy and support concrete actions for a Digital Health. In particular, the Commission recognizes the challenges that exist for organizations to effectively share health data in research and to improve patient care. The creation of a common **European Health Data Space (EHDS)**, as an approach meant to facilitate sharing of data, would be a valid solution. This new common platform would allow AI systems to automatically have easier access to relevant data, leading to higher accuracy and better predictions and recommendations by the system, resulting in higher quality of services for citizens and patients. Nonetheless, specifications on governance and structure of a EHDS still require a clear definition, possibly with contributions from different sectors. In this event, organized by the [FEAM European Biomedical Policy Forum](#) – with the support of [AstraZeneca](#) and the [European Infrastructure for Translational Medicine \(EATRIS\)](#) – a discussion with expert policymakers, academics, industry and civil society representatives will provide the opportunity to exchange opinions on the impact and challenges of using new digital health technologies and sharing of data, and to identify areas of consensus and/or disagreement among experts. The event will also feature lessons learned from the COVID-19 pandemic and the need for better cooperation in view of future health emergencies. We hope you will join the discussion and provide your view on the issue of *Digital Health and AI*. The FEAM European Biomedical Policy Forum, as well as AstraZeneca and the European Infrastructure for Translational Medicine (EATRIS), are very grateful for your participation.

Agenda

Moderator: Mark Lawler, FEAM expert lead on AI

Networking Lunch | 13.00 – 14.00

Welcome & Introduction | 14.00 – 14.10

Luis Marti-Bonmati, FEAM Board Member and AI expert lead

Keynote presentation | 14.10 – 14.30

Digital Health and AI: Benefits and Costs of Data Sharing in the EU

Toni Andreu, Scientific Director at European infrastructure for translational medicine (EATRIS)

High-level panel discussion: SESSION 1 | 14.30 – 15.30

The diverse panel will discuss the following main topics:

- AI & Machine Learning developments
- Diagnosis and treatment applications
- Prediction Models and Clinical Decision Support Systems

Coffee break | 15.30 – 15.45

High-level panel discussion: SESSION 2 | 15.45 – 16.45

This diverse panel will discuss the following main topics:

- European health data space and Federated Learning
- Ethical and legal implications
- Explainability and Trustworthiness of AI

Concluding remarks and next steps | 16.45 – 17.00

Mark Lawler, FEAM expert lead on AI

Luis Marti-Bonmati, FEAM Board Member and AI expert lead

Stefan Constantinescu, FEAM President

Panellists

Cristian Silviu Buşoi, Member of the European Parliament and Physician

Kyriacos Hatzaras, European Commission, Directorate General for Informatics

Luciano Floridi, Professor of Philosophy and Ethics of Information University of Oxford, and of Sociology of Culture and Communication, University of Bologna

Louise Mathieu, Scientific Collaborator at Sciensano

Grant Carroll, National Cancer Information System (NCIS) of Ireland

Peder Blomgren, VP and Head of Data Office at AstraZeneca

Margi Sheth, Data Policy Director at AstraZeneca

Gozde Susuzlu Briggs, Project Coordinator at European Patient Forum (EPF)

Alan Karthikesalingam, Research Lead at Google and Physician