

CONFERENCE

European Epidemiological Forum

05 October 2021 - Virtual

Generating Diseases Insights and Therapeutic Value in the realm of RWD: are we making the most of Artificial Intelligence and Machine Learning?

The life science industry is discovering the power of artificial intelligence (AI) and has started leveraging it in various aspects of research and development.

The objective of this online seminar is to familiarize the audience with the new capabilities that are being made available in the field of artificial intelligence and machine learning in relation to its application to real world data.

Beyond the hype, EPI Forum will address the benefits and limitations of this new approach and discuss how it can complement traditional approach to observational studies.

Understanding the scope and depth of AI and machine learning is important in the current environment. Speakers with experience in AI/ML will share insights and illustrate the subject with examples and demonstrations.

The EPI Forum Scientific Board

Christian Agboton - *Sr Global Brand Medical Director at Takeda*

Maurille Feudjo Tepie - *Observational Research Director at Amgen*

Who should attend?

The conference is addressed to professionals with an interest in drug development, healthcare decision making, academia and healthcare research, belonging to department such as: Medical Affairs, R&D, HTA/Market access, Medical Informatics, Clinical Operations, Regulatory Affairs, Pharmacovigilance, Biostatistics and Data Management from Pharmaceutical, Biotechnology and Medical Device companies, CROs, Universities/Hospitals, Academic Research, Patient Associations and Healthcare Organizations.

AGENDA DRAFT

Topics already covered:

- Background of the main topic: Can AI/ML bring value to life science.
- AI/ML: pros and cons Benefits and limitations of AI/ML.
- Payers' perspective Value Based Pricing & Pay for Performance: what is AI/ML good for?
- A concrete example of AI/ML: from study design to publication.

We would like to know more about:

- State of the art review of AI/ML: Theory and Applications
- Insight into AI/ML: What is really important?
- Insights into AI/ML possibly by means an interactive workshop. The objective is to give people access to a free web-based tool and indicate them how to manipulate it, to give some instructions to get some data. People will feel how the tool can work.
- How to overcome the challenges to effectively apply AI in RWD.
- What are the big questions AI can help answer?
- Role of AI in Predicting Treatment Outcome
- Using RWE to leverage trial design and predict outcomes.
- AI/ML in R&D: impact on drug discovery and development-Concrete example

If you have something in mind, but do not mentioned above, please go ahead and submit your proposal. We are happy to consider it!

Abstract General Information:

- Abstracts, slides, and oral presentations will be in English.
- All proposals are subject to review by the Scientific Board to ensure the highest quality of the conference program. Please note that promotional presentations are not allowed.
- Submit your abstract stating:
 - Speakers Name, Surname, Job Title, Company
 - Presentation's title
 - Abstract (text of about 1300 characters, space included)

The deadline for submission is May 17th, 2021

We invite you to send your abstract proposal to ilaria.butta@LSacademy.com