NHS Cambridge University Hospitals NHS Foundation Trust

UNIVERSITY OF CAMBRIDGE School of Clinical Medicine

Experimental Medicine Training Initiative

BRITISH PHARMACOLOGICAL SOCIETY

# AI in Pharmacology

11:00 - 11:15: Welcome and Introduction
*Dr Joseph Cheriyan, Consultant Clinical Pharmacologist, Cambridge University Hospitals*

11:15 - 12:15: Introduction to AI model development process and practical demonstration
*Dr Ari Ercole, Consultant Intensivist, Cambridge University Hospitals*

12:15 - 13:00: AI applications in pre-clinical drug development,
*Dr Krishna Bulusu, Senior Director, Oncology Data Science, Astrazeneca*

13:00 - 14:00: Lunch and networking

14:00 - 14:45: Leveraging AI to develop novel biomarkers
*Dr Muhunthan Thillai, Consultant in Respiratory Medicine and CEO, Qureight*

14:45 - 15:30: Research using large datasets, AI-based clinical risk scores and regulatory considerations
*Dr Ari Ercole, Consultant Intensivist, Cambridge University Hospitals*

15:30 – 16:00: Coffee break

16:00 - 16:45: Leveraging AI to optimise clinical trials
*Prof Mihaela van der Schaar, Professor of Machine Learning, University of Cambridge*

16:45 - 17:30: Reducing barriers to adoption of AI with low code/no-code AI,
*Prof Mihaela van der Schaar, Professor of Machine Learning, University of Cambridge*

17:30 - 18:30: Panel discussion: ‘How can we support trainee clinicians/clinical pharmacologists to accelerate adoption of Artificial Intelligence in their workplace?’

18:30 - 19:00: Closing remarks
*Dr Joseph Cheriyan*

19:00: Drinks (optional)

19:30: Dinner (optional)

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