BRITISH PHARMACOLOGICAL SOCIETY

AI and Computational Drug Discovery

Thursday 22 June 2023

10.15 - 10.25	**Welcome and plan for the day** *Dr Martin Redhead (Exscientia)*
10.25 - 10.50	**Demystifying AI: Intuition for how it works, when it works and what to watch out for** *Dr Angelo Pugliese (BioAscent)*
10.50 - 11.15	**Biological graph databases – information transfer for AI** *Dr Alan Bilsland (University of Glasgow & Exscientia)*
11.15 - 11.40	**Generative models for small molecule drug discovery** *Aleksandra Kalisz (Exscientia) and Dr Francesca Vianello (Exscientia)*
11.40 - 12.00	**Break**
12.00 - 12.30	**Breakout session**
12.30 - 12.55	**AI to solve difficult kinetic problems in receptor pharmacology** *Dr Martin Redhead (Exscientia)*
12.55 - 13.40	**Lunch**
13.40 - 14.10	**Breakout session**
14.10 - 14.35	**Model-based target pharmacology assessment (mTPA) – how AI can inform strategies for drug discovery** *Dr Emile Chen (GlaxoSmithKline)*
14.35 - 15.05	**Breakout session**
15.05 - 15.20	**Break**
15.20 - 15.45	**Quantitative systems pharmacology target modulation and clinical outcomes** *Dr Valeriu Damian (GlaxoSmithKline)*
15.45 - 16.15	**Breakout session**
16.15 - 16.20	**Wrap-up and confirmation of the Learning Outcomes** *Dr Francesca Vianello (Exscientia)*