

PSI/EFSPi Vaccines Statistics Workshop

8:50 - 9:00	Welcome
9:00 - 10:30 Session 1	<p>Chair: Ian Hirsch, AstraZeneca</p> <p>A Threshold of Protection Model for Monoclonal Antibody Efficacy Against SARS-CoV-2 Variants. <i>Seth Seegobin, Executive Director of Biostatistics and Head of the Statistics Department of Vaccine and Immune Therapies, AstraZeneca.</i></p> <p>Winter is coming; forecasting the next season's wave in advance. <i>Federico Francone, Data Science, Associate Director, Vaccine and Immune Therapies, AstraZeneca.</i></p> <p>Bayesian Statistics for Age Expansion in Vaccines with Example. <i>Scott Patterson, Senior Expert Statistical Scientist, Sanofi Vaccines, Sanofi.</i></p>
10:30 - 11:00	Coffee break
11:00 - 12:30 Session 2	<p>Chair: Andrea Callegaro, GSK</p> <p>Robust (exchangeability) Bayesian methods for vaccines targeting multiple serotypes. <i>Margherita Annaratone, Principal Statistician, GSK Vaccines</i></p> <p>The validity of test-negative design for assessment of vaccine protection. <i>Prof. Xinxue Liu, Associate Professor of Epidemiology and Health Statistics, University of Oxford.</i></p> <p>Within-host mathematical models to study antibody kinetics after the prophylactic Ebola vaccine in the Democratic Republic of the Congo. <i>Irene Garcia-Fogeda, Steven Abrams, Stijn Vanhee, Maha Salloum, Benson Ogunjimi, Niel Hens. Researchers, University of Antwerp, Belgium</i></p>
12:30 - 14:30	Lunch Break and Poster Session
14:30 - 15:30 Session 3	<p>Chairs: Honghong Zhou, Moderna</p> <p>Adopting Estimand in Prophylactic Vaccine Trials. <i>Francois Beckers, Global Head of Vaccines Biostatistical Sciences, Sanofi.</i></p> <p>Assumption-Lean Strategies for Handling Intercurrent Events in Randomized Trials. <i>Prof. Stijn Vansteelandt, University of Gent, Belgium.</i></p>
15:30 - 16:00	Coffee break
16:00 - 17:00 Session 4 and closing	<p>Chair: Fabian Tibaldi, GSK</p> <p>Paradigms for the evaluation of surrogate endpoints and correlates-of-protection: vaccines, the pandemic preparedness, and beyond. <i>Prof. Geert Molenberghs, Professor of Biostatistics, I-BioStat Universiteit Hasselt & KU Leuven, Belgium.</i></p>
17:00	Drinks