



Avicenna Event 5, Barcelona Spain

Day 1 – Thursday 4th June

Time	
09:00 – 11:00	Press Interviews
11:00 – 13:00	Registration, welcome buffet lunch
13:00 – 14:00	Alignment Optimisation driven discussion on the roadmap
13:45 – 14:15	Keynote Lecture: <i>The roles of patents and research and development incentives in biopharmaceutical innovation.</i> – Alistair McGuire, London School of Economics, UK
14:14 - 15:30	Thematic talks - <i>In silico</i> Clinical Trials: research and technological development challenges <ul style="list-style-type: none"> • <i>The concept of model credibility in the ASME V&V-40 draft standard</i> Markus Reiterer, Medtronic Corp., USA. • <i>The role of physiological modelling in the reduction, refinement, and partial replacement of clinical trials</i> Robert Hester, University of Mississippi Medical Centre, USA • <i>Monitoring physical activity: a very tricky “simple” problem</i> Claudia Mazzà, Insigneo Institute, UK • <i>From BiomedTown to VPH-Share: policy and governance issues around data and models sharing</i> Rod Hose, coordinator VPH-Share project • <i>From individual to populations and return: an amazing journey</i> Matthieu De Beule, FEops bvba, Netherlands
15:30 – 16:00	Coffee break
16:00 – 18:00	Breakout sessions – RTD challenges (Sessions only 10 seats, first served) <ul style="list-style-type: none"> • <i>Beyond validation: model credibility</i> - Markus Reiterer & Marco Viceconti • <i>Reducing, refining, and partially replacing clinical trials</i> - Robert Hester & Anders Karlström • <i>The Physiological Envelope, the deployment envelope</i> - Claudia Mazzà & Karen El Arifi • <i>Individual-based population models</i> - Matthieu De Beule & Adriano Henney • <i>Policy & governance frameworks</i> - Rod Hose & Martina Contin • <i>Alternative IPR models for biomedical industry</i> - Alastair McGuire & Edwin Morley-Fletcher
18:00 – 19:00	Cocktail lecture - <i>Avicenna’s Canon of Medicine: rules for assessing the effectiveness of drugs</i> Dr Mona Nasser , Clinical Lecturer in Evidence Based Dentistry, Peninsula Dental School, Plymouth University Peninsula Schools of Medicine and Dentistry
20:00 – 22:00	Optional Social dinner
22:00	Return to Hotels

Avicenna Event 5: Day 2 – Friday 5th June

Time	
08:00 – 08:30	Coffee and registration
08:30 – 09:00	Supercomputing for patient-specific simulation Slava Gurev , IBM TJ Watson Research Center, New York, USA.
09:00 - 09:30	Big data analytics and <i>in silico</i> research: The challenges and opportunities of applying advanced analytics in pursuit of transforming healthcare research. Matt Goss , SAS
09:30 - 10:30	<i>In silico Clinical Trials: a socioeconomic perspective</i> – Chair: Edwin Morley-Fletcher , Lynkeus <i>ISCT: socioeconomics Challenges</i> Edwin Morley-Fletcher , Lynkeus <i>The role of technological innovation in the long-term sustainability of universal health services</i> - Gregor-Konstantin Elbel , Health & Life Sciences, Deloitte Germany.
10:30 – 11:00	Coffee break
11:00 - 11:30	<i>In silico assessment of cardiotoxicity: from Noble’s model to an industrial solution</i> Alphonso Bueno , Professor of Computational Medicine, University of Oxford
11:30 - 12:00	<i>Synergistic use of experimental and computational methods in the pre-clinical evaluation of orthopaedic implants</i> Luca Cristofolini , University of Bologna, Italy
12:00 - 12:30	<i>The Avicenna research roadmap: the challenges ahead</i> Marco Viceconti , Insigneo institute for <i>in silico</i> Medicine, UK
12:00 - 13:00	<i>The Avicenna Alliance</i> Adriano Henney , VPH Institute, Belgium
13:00 – 14:30	Buffet lunch and networking
14:30	End plenary event
14:30 – 16:30	Avicenna Alliance <i>pro tempore</i> board meeting
16:30	End of the meeting

