



## AIFA WORKSHOP

In collaboration with The Virtual Physiological Human Institute

### The role of *In Silico* Medicine in diabetes

26<sup>th</sup> May 2022

Auditorium - Palazzo delle esposizioni

Via Milano, 9 A - 00184 Rome

Co-chairs: Silvio Garattini - Istituto di Ricerche Farmacologiche Mario Negri  
Paolo Foggi - AIFA

- 11:00 – 11:10 Welcome (Nicola Magrini – AIFA, Stefano Del Prato - EASD)
- 11:10 – 11:20 Marco Viceconti (University of Bologna, VPH Institute). *In Silico* Medicine in Italy: adoption pathways.
- 11:20 – 11:35 Claudio Cobelli (University of Padova). The FDA accepted UVa/Padova Type 1 diabetes simulator: rationale, methods and clinical applications.
- 11:35 – 11:50 Chiara Dalla Man (University of Padova). The Padova Type 2 Diabetes Simulator: *In Silico* Trials Also Possible in Rare but Not-So-Rare Individuals.
- 11.50 – 12.00 Discussion
- 12.00 – 12.15 Filippo Castiglione (CNR). Potential predictors of type-2 diabetes risk: machine learning, synthetic data and wearable health devices.
- 12.15 – 12.30 Flora Musuamba Tshinanu (FAMHP, University of Namur). Modelling & simulation: regulatory challenges and opportunities.
- 12.30 -12.45 Jim Bosley (Nova Discovery). Towards a platform of diabetes systems biology models and submodels - Nova's Jinkō.
- 12.45 – 13.00 Discussion
- 13.00 – 13:10 Conclusions
- 13.10 – 14.30 Networking Light Lunch