CompBioMed

COMPBIOMED CONFERENCE 2019

www.compbiomed-conference.org

25-27 SEPTEMBER 2019

IET London
2 Savoy Place. London, WC2R 0BL

Conference Chair
Prof Peter Coveney

Conference Themes

Biomedical Applications (including)

Cardiac & Bloodflow, Neuromusculoskeletal, Brain
Molecular Medicine

Methodology (including)
Uncertainty Quantification
Role of Theory, Modelling and Simulation in Biomedicine

Technology & Outreach (including)
Education, Training & Public Awareness
Regulatory Science and *in silico* Trials

Plenary Speakers

- Andrew Hopkins (Exscientia)
- William L. Jorgensen (Yale)
- Amanda Randles (Durham, NC)
- Anne M. Robertson (Pittsburgh)
- Oliver Röhrle (Stuttgart)

The conference will address all aspects of this rapidly burgeoning domain, from genome to whole human and population levels, embracing data driven modelling and simulation, machine learning and combinations of such approaches. We welcome contributions from academic, clinical and industrial participants alike.

Following review by the organising committee, selected papers will be invited for submission to a theme issue of the *Journal of the Royal Society Interface Focus*, due for publication in March 2020.

Located at the Institute of Engineering and Technology (IET) London: Savoy Place, the CompBioMed Conference 2019 will combine a venue with innovative catering and spectacular views of the River Thames with an exciting programme of relevant symposia and world-renowned plenary and invited speakers, proposed and secured by our International Organising Committee

International Organising Committee

Julien Abi-Nahed (Doha), **Alya Arabi** (Abu Dhabi), **Paul Best** (CBK), **Annamaria Carusi** (Sheffield), **Andrea Cavalli** (Genoa), **John Chodera** (New York), **Bastien Chopard** (Geneva), **Fernando Cucchietti** (Barcelona), **Vanessa Diaz** (London), **Dimiter Dimitrov** (DiaVita), **Sara Dutta** (Boston), **Tim Elliott** (Southampton), **Gianni De Fabritiis** (Barcelona), **Julien Favier** (Marseille) **Fiona Ford** (DNAnexus), **Philip Fowler** (Oxford), **Francesco Gervasio** (London), **Norbert Graf** (Homburg), **Darren Green** (GSK), **Derek Groen** (London), **Bert de Groot** (Göttingen), **Alexander Heifetz** (Evotec), **Roger Highfield** (London), **Alfons Hoekstra** (Amsterdam), **Shantenu Jha** (New Jersey), **Dieter Kranzlmüller** (Munich), **Peter Love** (Tufts), **Erik Lindahl** (Stockholm), **Nikolas Maniatis** (London), **Thierry Marchal** (Ansys), **Cristin Merritt** (Alces Flight), **Gavin Pringle** (Edinburgh), **Esther Pueyo** (Zaragoza), **Blanca Rodriguez** (Oxford), **Eric Stahlberg** (Maryland), **Rick Stevens** (Chicago), **Rick Stevens** (Chicago), **Sauro Succi** (Rome), **Kenji Takeda** (Microsoft), **Andrea Townsend-Nicholson** (London), **Herman Van Vlijmen** (Janssen), **Mariano Vazquez** (Barcelona), **Marco Verdicchio** (Amsterdam), **Marco Viceconti** (Bologna), **Andrew Whiting** (Lightox)