

# Big Data in Healthcare

## How will big and better data help healthcare delivery and patient outcomes?

26 January 2016, Stanhope Hotel, Brussels

### FEATURED GUESTS



#### **Xavier Prats Monné**

*Director-General, DG SANTE, European Commission*

Xavier Prats Monné is the director-general for Health and Food Safety of the European Commission since September 2015. He is responsible for EU policies and programmes in health and food safety, including the promotion of public health, the assessment of national healthcare systems' performance, pharmaceutical legislation, animal health and welfare, as well as the strengthening of Europe's capacity to deal with crisis situations in human health and the food sector. He previously served as director-general for education and culture and as director for employment policy. He holds degrees in social anthropology from the Universidad Complutense; in development cooperation from the International Centre for Advanced Mediterranean Agronomic and in European studies from the College of Europe, where he graduated first of the Class of 1981-82 and served as assistant professor.



#### **Richard Dobson**

*Senior Lecturer and Head of Bioinformatics, NIHR Biomedical Research Centre for Mental Health, King's College London*

Richard Dobson is head of Bioinformatics and co-directs the recently launched Centre for Translational Informatics at the NIHR Biomedical Research Centre for Mental Health, King's College London. His research is motivated towards enabling a "panoramic" view of patients through the integration of genomics data with data derived from patient records, the exposome, social graphs, remote monitoring and imaging to develop strategies for P4 medicine, namely, medicine that is precise, predictive, preventative and participatory. The research has required the extensive use of machine learning, the creation of software tools, development of a hospital development environment and large private cloud infrastructure with safe haven status to enable integration of patient datasets.



#### **Irene Lopez de Vallejo**

*Director R&D, Digital Catapult*

Irene Lopez de Vallejo was recently appointed director R&D at the Digital Catapult. She has worked in multidisciplinary ICT research, in academic, public and industry environments for 20 years. With a social sciences background and specialised on both European Affairs (economic and financial policies) and Architecture (Space Syntax and indoor location tech), her long standing passion is to understand the complex relationships underlying society, technology and continuously evolving physical and digital environments. She thoroughly enjoys networking and the challenges posed by multi-party, multi-country international R&D&I with both commercial and research objectives.



#### **Ruxandra Draghia-Akli**

*Director, Health Directorate, DG RTD, European Commission*

Ruxandra Draghia-Akli is director of the Health Directorate at the Research and Innovation DG of the European Commission. She served as vice-president of Research at VGX Pharmaceuticals (now Inovio) and VGX Animal Health. Her research activities focused on molecular biology, gene therapy and vaccination. She is a global leader in the field of nucleic acid delivery for therapeutic and vaccination applications. She is an inventor on more than a hundred patents and patent applications. Draghia-Akli published numerous scientific papers and served as ad-hoc reviewer for granting agencies, meetings for gene therapy and endocrinology societies, and scientific journals in Europe and the USA. In 2012, she became an honorary member of the Romanian Academy of Medical Sciences.



#### **Robert Hyde**

*Senior Director Medical Affairs Europe, Biogen*

Robert Hyde is the senior director for Medical Affairs at Biogen. He is a scientist by training with specialisation in medical biochemistry, translational biology and drug targeting. He joined the biopharma industry in 1988 and has been in clinical research and medical affairs for 23 years. His first 15 years were spent in clinical development in areas as diverse as metabolic disorders, oncology, cardiovascular and since 1993 his focus has been multiple sclerosis. He has worked in the global arena including US, EU and developing countries and has spent a significant time in the last decade working with registries and real world data efforts to advance understanding of therapies for MS, its natural history and endpoints used in measuring the progression and outcome.



#### **Bart De Moor**

*Director, iMinds Medical Information Technologies Department; Professor, KU Leuven*

Bart De Moor is director of the Medical Information Technologies Department of iMinds and a full professor at the Department of Electrical Engineering of the KU Leuven. From 2009 to 2013, he was the vice-rector of International Policy at KU Leuven. His research interests are in numerical linear algebra and optimisation, quantum information theory, data-mining, information retrieval and bio-informatics, areas in which he has (co-)authored several books. His work has won him several scientific awards, such as the FWO Excellentie Prijs. He has also been the chief advisor on Science and Technology of several ministers of the Belgian Federal and Flanders Regional Government.

### PROGRAMME

18:00	Welcome cocktail
18:30	Panel discussion: How Big Data can make healthcare more effective
19:30	Dinner-debate with introduction by Xavier Prats Monné on Big Data and the priorities he sees as the new Director-General of DG SANTE, European Commission
21:15	Dinner end

## PARTICIPANTS

- **Maria Pilar Aguar Fernandez**, Head of Unit, Chemical Assessment and Testing, Joint Research Centre, European Commission
- **Roser Arnalte**, Coordinator of the Research Support Office, Fundació Sant Joan de Déu
- **Serge Bernasconi**, CEO, MedTech Europe
- **Marie Blanchard**, Public Affairs Manager, Novartis
- **Lidia Borrell-Damián**, Director Research and Innovation, European University Association (EUA)
- **Maga Chlebus**, Director Science Policy, EFPIA
- **Neha Dave**, Public Affairs Director, MedTech Europe
- **Alessandro De Mauro**, Industrial Research and Valorisation Manager, KU Leuven
- **Bart De Moor**, Director, Medical Information Technologies Department, iMinds; Professor, KU Leuven
- **Monica Dietl**, Director, The COST Association
- **Richard Dobson**, Senior Lecturer & Head of Bioinformatics, NIHR Biomedical Research Centre for Mental Health, King's College London
- **Ruxandra Draghia-Akli**, Director, Health Directorate, DG RTD, European Commission
- **Maryline Fiaschi**, Director, Science|Business
- **Fabrizio Gagliardi**, Chair, ACM Europe Policy Committee (EUACM)
- **Erwan Gicquel**, Director Government Affairs, Biogen
- **Athanasios-Nektarios Gkionis**, Internal Auditor, DG Internal Audit Service, European Commission
- **Douglas Gregory**, Executive Director, European Government Affairs, Amgen
- **Eva Grut-Aandahl**, Head of European Government Affairs, Global Policy & International Public Affairs, Pfizer
- **Adriano Henney**, Executive Director, Virtual Physiological Human Institute for Integrative Biomedical Research
- **Graeme Holland**, Healthcare Policy, EMEA, GE Healthcare
- **Richard L. Hudson**, CEO & Editor, Science|Business
- **Robert Hyde**, Senior Director Medical Affairs Europe, Biogen
- **Éanna Kelly**, News Editor, Science|Business
- **Gunnar Landgren**, Advisor to the KTH President, KTH Royal Institute of Technology
- **Irene Lopez de Vallejo**, Director R&D, Digital Catapult
- **Eric Mamer**, Deputy Head of Cabinet of Commissioner Günther H. Oettinger, European Commission
- **Ross Melzer**, Director, Science|Business
- **Dora Meredith**, National Contact Point - Business Support and European Liaison at Technology Strategy Board, Innovate UK
- **Ciáran Nicholl**, Head of Unit, Public Health Policy Support, Joint Research Centre, European Commission
- **Xavier Prats Monné**, Director-General, DG SANTE, European Commission
- **Sara Rafael-Almeida**, Policy Analyst, Joint Research Centre, European Commission
- **Herb Riband**, Vice President Access, Value & Policy, Amgen
- **Milena Richter**, Senior Director European Affairs, Sanofi
- **Maria-Valerie Schegk**, Liaison Officer, TU Munich
- **Martin Scott**, Head of Innovation Management, UCL Research & Innovation, University College London
- **Jason Theodosiou**, Director General, EIT Health France
- **Isabelle Thizon de Gaulle**, V-P, European Strategic Initiatives & Scientific Relations, Sanofi R&D
- **Johanna Trieb**, Policy Analyst, Joint Research Centre, European Commission
- **Dimitri Vassiliadis**, Head of Innovation, EXUS Innovation
- **Yves Verboven**, Director Market Access and Economic Policies, MedTech Europe
- **Axel Voss**, Member, European Parliament
- **Peteris Zilgalvis**, Head of Unit, ICT for Health and Wellbeing, DG CONNECT, European Commission