

## Program

### “1<sup>st</sup> European Conference on Translational Bioinformatics”

Ceremonial Hall, University of Copenhagen, Frue Plads, 1165 Kbh K

Copenhagen, Denmark

April 26-27, 2016

Day 1	Tuesday April 26th 2016	
10.00	Registration	
11.00	Søren Brunak, U. Copenhagen, Denmark and Ferran Sanz, IMIM, UPF, Barcelona, Spain	Data-driven precision medicine in the global context
11.30	Francisco De La Vega, Stanford University School of Medicine, USA	Somatic mutation and germline variant identification and scoring from cancer patient tumor molecular profiling and ct-DNA monitoring by high-throughput sequencing
12.00	Nuria Lopez-Bigas, UPF, Barcelona, Spain	Cancer drivers and their therapeutic opportunities
12.30	Lunch + poster	
13.30	Josh Stuart, UC Santa Cruz, USA	PanCancer to Patient-specific Pathways
14.00	Moritz Gerstung, European Bioinformatics Institute, Hinxton, UK	Genomic classification and personalized prognostics for acute myeloid leukaemia
14.30	Zlatko Trajanoski, Medical University of Innsbruck, Austria	APERIM: Advanced bioinformatics platform for personalized cancer
15.00	Coffee + poster	
15.30	Alejo Nevado, Oxford University, UK	JAK-STAT correlates how protective inflammatory diseases are to Alzheimer's disease
16.00	Pierre Baldi, UC Irvine, USA	From circadian rhythms to precision medicine
16.30	Rodrigo Dienstmann, Vall d'Hebron Institute of Oncology, Barcelona, Spain & Computational Oncology Group, Sage Bionetworks, Seattle	Paradigm shifts of precision medicine in oncology: colorectal cancer as a model
17.00	End of day	Take off to banquet dinner at Toldboden

<b>Day 2</b>		<b>Wednesday April 27th 2016</b>
<b>09.00</b>	Tim Hubbard, Kings College & Genomics England	The 100.000 genomes project
<b>09.30</b>	Krister Wennerberg, FIMM, Finland	Targeting cancers using individual systems medicine
<b>10.00</b>	Tune Pers, Harvard School of Public Health & State Serum Institute, Denmark	Exploring disease through the lens of data-driven genomics
<b>10.30</b>	Coffee + poster	
<b>11.00</b>	Niklas Blomberg, ELIXIR Hub, Hinxton, UK	The role of ELIXIR in precision medicine: perspectives for the European infrastructure for biological data
<b>11.30</b>	Daniel Zerbino, European Bioinformatics Institute, Hinxton, UK	Integrative methods for post-GWAS functional interpretation at Ensembl
<b>12.00</b>	Lunch + poster	
<b>13.00</b>	Martin Taylor, MRC Human Genetics Unit, University of Edinburgh, UK	Germline mutation hotspots at functional regulatory sites
<b>13.30</b>	Holger Prokisch, Helmholtz- Muenchen, Germany	Integrative omics to study mitochondrial disorders
<b>14.00</b>	Kristof Theys, KU Leuven, Belgium	Virus discovery and epidemic tracing from high throughput metagenomic sequencing (VIROGENESIS)
<b>14.30</b>	Ferran Sanz, IMIM, UPF, Barcelona, Spain	Integrative bioinformatics supporting biomedical research
<b>15.00</b>	Peter Løngreen, Technical University of Denmark	Computerome: Secure private cloud computing for person-sensitive data
<b>15.30</b>	Søren Brunak, U. Copenhagen, Denmark	Disease trajectories for precision medicine
<b>16.00</b>	End of meeting	Coffee