

Conference on Big Data in Biotechnology and Biomedicine

May 31 – June 1, 2018, Hotel Munkebjerg, Vejle, Denmark

High throughput methods are constantly refined to enable large-scale investigation of complex biological systems. The basic scientific paradigm is to understand and predict the relation between architecture, structural information and function. The continuous and massive increase in DNA and protein sequence information and advances in quantitative experimental technologies in biology, represents an enormous potential for research of academic, industrial as well as biomedical value. The challenge remains how to get meaningful information out of this vast “ocean” of data information derived from a multitude of species including individual human beings.

The conference will focus on the latest developments in creating, utilizing, handling and methods for analyzing Big Data in biotechnology and biomedicine including sessions on

- Precision medicine
- Statistical genetics
- Single cell analysis
- Systems biology in medicine and process biotechnology
- Biological and genomic networks
- Microbiomics
- Best practice on handling and storage, safety and ethics

Speakers accepted	Speakers invited
<ul style="list-style-type: none"> • Armand Valsesia, Nestlé , CH • Henrik Rindel Gudbergesen, IBM Nordic, DK • Henrik Bjørn Nielsen, Clinical Microbiomics, DK • Jens Nielsen, Chalmers, S • Mads Albertsen, AAU, DK • Mathias Uhlén KTH, S • Sandrine Muller Massachusetts General Hospital and Broad Institute of MIT and Harvard, USA 	<ul style="list-style-type: none"> • Chris Spencer, Wellcome Trust, UK • José-Maria Gonzalez-Izarzugaza, DTU, DK • Luede H Franke, University of Groningen, NL • Markus Herrgard, NNF Biosustain, DK • Matt Might, University of Alabama, USA • Sarah Teichmann, Sanger Institute, UK • Thomas Senderovitz, Danish Medicine Agency, DK

The conference is organised in collaboration with Danish Society of Biochemistry and Molecular Biology and includes a poster session as well as a commercial exhibition of equipment, consumables and services to Danish biotechnology. Deadline for poster abstracts and registration: April 10, 2018. For questions regarding participants’ registration, please contact Anne Dalgaard, The Danish Society of Engineers, IDA, at ada@ida.dk.

Registration will open December 1, 2017 , see announcements at www.biokemi.org or www.ida.dk

Participation fee: 3500 DKK; reduced fee for students (Ph.D. and M.Sc.): 1800 DKK.

M.Sc. student scholarships find info at www.synapse-connect.org