

LECTURE SERIES & WORKSHOPS


TRANSLATIONAL BIOINFORMATICS AND SYSTEMS BIOMEDICINE

22

MARCH 2018

Thursday

LECTURE

 **Maison des Sciences
Humaines**
"Blackbox room"
(11, Porte des Sciences
L-4366 Esch-sur-Alzette)

4.00 - 5.00 pm

MEET THE SPEAKER*

Light snacks provided
**Maison des Sciences
Humaines**
Room N°0015050

5.00 - 6.30 pm

*Please register by sending a mail to
florence.henry@lih.lu



SPEAKER

Prof Søren BRUNAK

Professor and Programme Director at the
Novo Nordisk Foundation Center for Protein
Research at University of Copenhagen,
Denmark

PATIENT-PAST BASED PRECISION MEDICINE

ABSTRACT

Multi-step disease trajectories are key to the understanding of human disease progression patterns and their underlying molecular level etiologies. The number of human protein coding genes is small and many genes are presumably impacting more than one disease, a fact that complicates the process of identifying actionable variation for use

in precision medicine efforts. We present approaches to the identification of frequent disease trajectories from population-wide healthcare data comprising millions of patients and corresponding strategies for linking disease co-occurrences to genomic individuality.

HOSTS:

University of Luxembourg/LIH

RESPONSIBLE SCIENTIST:

Reinhard Schneider
(reinhard.schneider@uni.lu)

www.lih.lu
www.uni.lu

Supported by: