

# “Genome Editing using CRISPR/Cas9”

## Mini-symposium, December 7<sup>th</sup>, 2018

### Copenhagen, Denmark

- 9.00-9.10 Wellcome and opening remarks
- 9.10-9.55 Patrick Hsu, the Salk Institute, San Diego, USA – *Molecular technologies for transcriptome engineering*
- 9.55-10.40 Katie Pawelcsak, NERx Biosciences, USA – *Chemical enhancement of CRISPR/Cas9 mediated site-specific genome engineering*
- 10.40-11.00 Coffee break
- 11.00-11.45 Jacob Corn, Berkeley, USA/ETH Zurich, Switzerland – *Mechanisms of genome editing in human cells*
- 11.45-12.05 Carol Elvira, ThermoFisher, USA – *Functional phenotypic screenings using CRISPR lentiviral libraries*
- 12.05-12.25 Gurpreet Balrey, Merck/Millipore – *SygRNA® chemically synthesized two part and single CRISPR guide RNAs for robust genome editing*
- 12.25-13.10 Lunch
- 13.10-13.55 Marie Christine Birling, Phenomin ICS, Strasbourg, France – *Generation of genomic structural variants and chromosomal manipulation by CRISPR/Cas9 genome editing in rodents*
- 13.55-14.40 Massimo Squatrito, Spanish National Cancer Research Centre (CNIO) – *CRISPR-(R)CAS: somatic genome editing for precision tumor modeling*
- 14.40-14.55 Coffee break
- 14.55-15.20 Vincenzo DiDonato, ZeClinics, Es – *ZeCardio: a zebrafish-based screening platform for genetic association studies in cardiovascular disease*
- 15.20-15.40 Thomas Tiilmark Eriksen, Lundbeck A/S, DK – *Establishment of the CRISPR/Cas9 technology at Lundbeck*
- 15.40-16.25 Ed Ryder, Wellcome Trust Sanger Institute, Cambridge, UK – *Exploring CRISPR off-target effects in mice*
- 16.25 Closing remarks and wine reception