SØREN BRUNAK

CV

SPEAKER AT:

BEYOND OMICS REVOLUTIONS: INTEGRATIVE KNOWLEDGE MANAGEMENT FOR EMPOWERED HEALTHCARE AND RESEARCH



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Søren Brunak, Ph.D., Technical University of Denmark, University of Copenhagen, Denmark Søren Brunak, is professor of Bioinformatics at the Technical University of Denmark and professor of Disease Systems Biology at the University of Copenhagen. Prof. Brunak is the founding Director of the Center for Biological Sequence Analysis, which was formed in 1993 as a multi-disciplinary research group of molecular biologists, biochemists, medical doctors, physicists, and computer scientists. Søren Brunak has been highly active within data integration, where machine learning techniques often have been used to integrate predicted or experimentally established functional genome and proteome annotation. His current research does combine molecular level systems biology and healthcare sector data such as electronic patient records and biobank questionnaires. The aim is to group and stratify patients not only from their genotype, but also phenotypically based on the clinical descriptions in the medical records.

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