



Søren Brunak

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DISEASE PROGRESSION AND LONGITUDINAL HEALTH DATA SCIENCE

from omics to electronic clinical records

PhD Course

Course lectures:

- The concept of temporal disease trajectories – comorbidity versus multimorbidity
- Health data resources, clinical ontologies, and their interoperability
- Descriptive analysis of population-wide life course data
- Deep machine learning-based prediction of health outcomes using electronic patient record data
- Deep machine learning-based integration of omics and clinical data
- Implementation in healthcare infrastructures and clinical trials



25–27 –31 March | 3 April, 2025



16:00PM – 18:00PM



aula 1 – Dipartimento di Matematica e Informatica –
Cittadella Universitaria – Viale Andrea Doria, 6 – CATANIA

More Info

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