

Radiomics

AI

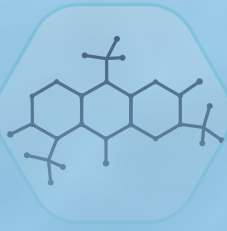
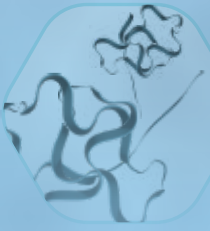
Metagenomics

Genomics

Digital pathology

Medical digital twins

Transcriptomics



1 ECTS COURSE

5 LECTURES + PANEL DISCUSSION

AI-empowered multiomics for precision medicine

2 November 2026 | Calonia, Auditorium Cal1

This one-day multidisciplinary course brings together leading experts to explore how AI and multiomics are transforming precision medicine. Through genomics, transcriptomics, metagenomics, radiomics, digital pathology and medical digital twins, the course examines how complex biomedical data can be integrated and translated into better diagnosis, treatment prediction and personalized care. We will offer you coffees and lunch during the day, and the event is free of charge for everyone.

8:30 – 9:00	Morning coffee	11:00 – 11:55	Genomics and transcriptomics for treatment prediction Prof. Tero Aittokallio University of Oslo & University of Helsinki	14:40 – 14:55	Coffee break
9:00 – 9:10	Welcome and opening words Prof. Saara Wittfooth University of Turku	11:55 – 13:10	Lunch provided in Macciavelli	14:55 – 15:55	Panel discussion: Multiomics and AI in precision medicine: from data to clinical impact Moderator: Prof. Saara Wittfooth
9:10 – 10:10	Connecting the dots: From radiomics and multiomics to patient digital twins Prof. Philippe Lambin Maastricht University	13:10 – 13:55	AI-enabled computational pathology Prof. Pekka Ruusuvuori University of Turku		Panelists: Philippe Lambin · Julianne Brown · Tero Aittokallio · Pekka Ruusuvuori · Deepak Nagrath · Sammeli Liikkanen
10:10 – 10:55	Metagenomics for diagnosis of infection Dr. Julianne Brown Great Ormond Street Hospital for Children	13:55 – 14:40	Digital twin models to dissect metabolic flux in the cancer microenvironment Prof. Deepak Nagrath University of Michigan	15:55-16:00	Closing words Prof. Saara Wittfooth
10:55 – 11:10	Stretch Break				



Read more and register by 26 October 2026.

*Participants who wish to receive 1 ECTS need to register via Peppi and return a learning diary.