Organoids model human disease in 3D and 2D

Invitation to lunch seminar

Prof. Dr. Hans Clevers

Hans Clevers characterized the molecular effectors of the Wnt pathway: the TCF transcription factors. His group described the role of Wnt in (intestinal) stem cell biology and cancer, eventually leading to the discovery of LGR5 as a novel stem cell marker. This led him to pioneer tissue stem cell-based organoids, 3-dimensional in vitro structures that behave anatomically and molecularly like the organ from which they are derived. Organoid biology has revolutionized the way we approach human biology.

Hans Clevers obtained his MD and PhD degrees from the University of Utrecht, the Netherlands. He holds a professorship in Molecular Genetics from the University of Utrecht. He previously held directorship/president positions at the Hubrecht Institute, the Royal Netherlands Academy of Arts and Sciences and the Princess Maxima Center for pediatric oncology. He has served in the Supervisory Board (2019-2022) and as head of Roche's Pharma Research & Early Development (pRED; 2022-2025). During this time, he oversaw the establishment of Roche's Institute of Human Biology (IHB) in Basel. He currently supervises his research groups at the Hubrecht Institute and the Princess Máxima Center.

"Organoids of individual patients are like avatars: they predict which drug will work best for the patient from which they derive."

Monday, 9 March 2026, 12:00–13:00
Aulan (Main Auditorium), Danderyd Hospital

Light lunch from 11:45 on a first-come, first-served basis, no registration

Host: Prof. Dr. Charlotte Thålin, Karolinska Institutet & Danderyd Hospital

Karolinska Institutet

Danderyds Sjukhus