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COURSE INFORMATION

The foundation Hubrecht Organoid Technology is founded on the pioneering work of Professor Dr. Hans Clevers, who discovered methods to grow stem cell derived human epithelial 'mini-organs' (organoids) from tissues of patients with various diseases, including cancer and cystic fibrosis.

Applications of Organoid Technology

May 27-June 2, 2018

Enroll today for [Applications of Organoid Technology](#), a new course offered by the MDI Biological Laboratory in partnership with Hubrecht Organoid Technology (The HUB), a non-profit organization based in the Netherlands. The course will be held in the brand new 6,500 sq. ft. Maine Center for Biomedical Innovation in Bar Harbor, Maine.

In this one-week course, participants will learn the basics of organoid cell culture and the most recent developments in the organoid field. Hands-on laboratory work will focus on cultures from The Living Biobank at The HUB, which include organoids from patients with various forms of cancer (colon, prostate, lung, pancreatic) and cystic fibrosis.

In cell culture, organoids stably maintain the genotype/phenotype of the patient's diseased tissue, thereby representing an in vitro platform for pre-clinical drug discovery and validation. Organoid technology will help scientists of various disciplines identify the underlying causes for tissue-specific diseases, as well as drug sensitivity and responsiveness to drug combinations.

More Information

Details on the course, as well as the online application, are available on the [Applications of Organoid Technology](#) course page. Advanced graduate students, post-doctoral trainees, and scientists at all levels are invited to apply.

Inquiries

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