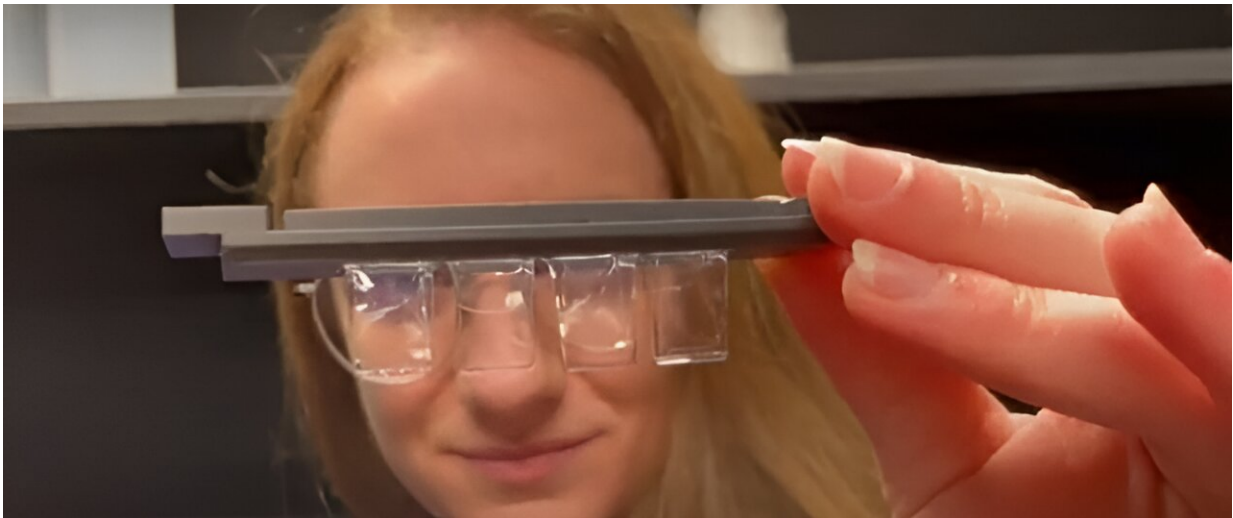


Video: New light-sheet microscope for multicellular systems unveiled

June 12 2024



Credit: Friedrich Miescher Institute for Biomedical Research

Researchers at the FMI and Viventis Microscopy teamed up to develop a cutting-edge light-sheet microscope that has the potential to transform imaging studies and enable scientific breakthroughs.

Their study is [published](#) in the journal *Nature Methods*.

In this [video](#), Franziska Moos—a Ph.D. student in the lab of Prisca Liberali at the FMI—discusses the development of the new microscope, which can image different multicellular systems, including organoids and

entire animals such as Hydra. The microscope allows for long-term imaging and can capture high-resolution images of cells and tissues in [real-time](#)—two abilities that have the potential to transform imaging studies and enable scientific breakthroughs.

More information: Franziska Moos et al, Open-top multisample dual-view light-sheet microscope for live imaging of large multicellular systems, *Nature Methods* (2024). [DOI: 10.1038/s41592-024-02213-w](https://doi.org/10.1038/s41592-024-02213-w)

Provided by Friedrich Miescher Institute for Biomedical Research

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