



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI FARMACIA
E BIOTECNOLOGIE

AVVISO DI SEMINARIO

Il giorno **5 Maggio 2025**
alle ore **14:30**

Dr. Francesco Girardi

Life Science Specialist at Media System Lab

(ospite della Dr.ssa Manuela Sollazzo e del Dr. Paolo Costantini)

terrà un seminario in lingua inglese dal titolo:

Nanolive: real-time and label-free cell analysis through holotomography

Area tematica:

Cancer Biology; Drug discovery and development;
Neuroscience; Imaging

in streaming:

<https://teams.microsoft.com/l/meetup-join/19%3aN09c0NlyEssBnF7ObCyDOQwkgDWm1qdd9f7F2nJV9fw1%40thread.tacv2/1631519544944?context=%7b%22id%22%3a%22e99647dc-1b08-454a-bf8c-699181b389ab%22%2c%22oid%22%3a%225a941351-ef41-4aa4-8771-fa50a6d62ca1%22%7d>

Colleghi e studenti sono cordialmente invitati

ABSTRACT

Nanolive is an holotomographic microscope designed for automated label-free live cell imaging. Its unique technology enables long-term live cell imaging in a non-invasive manner, and provides quantitative data and high-content timelapses. Nanolive is not just a microscope, but a powerful analysis platform: with Nanolive's AI-powered digital assays, researchers can easily extract meaningful insights from complex biological data. These digital assays leverage advanced machine learning algorithms to automatically analyze cell morphology, organelles, behavior, and interactions, providing researchers with detailed quantitative measurements. With these capabilities, Nanolive transforms live-cell imaging into an intuitive, automated, and efficient tool for scientific breakthroughs.

BIOGRAPHICAL SKETCH

Francesco Girardi is a Life Science Specialist at Media System Lab, a company specializing in the field of microscopy. After completing his PhD and Post-Doctoral research in the stem cell field, he joined Media System Lab, where he focuses on Nanolive label-free live-cell imaging.

