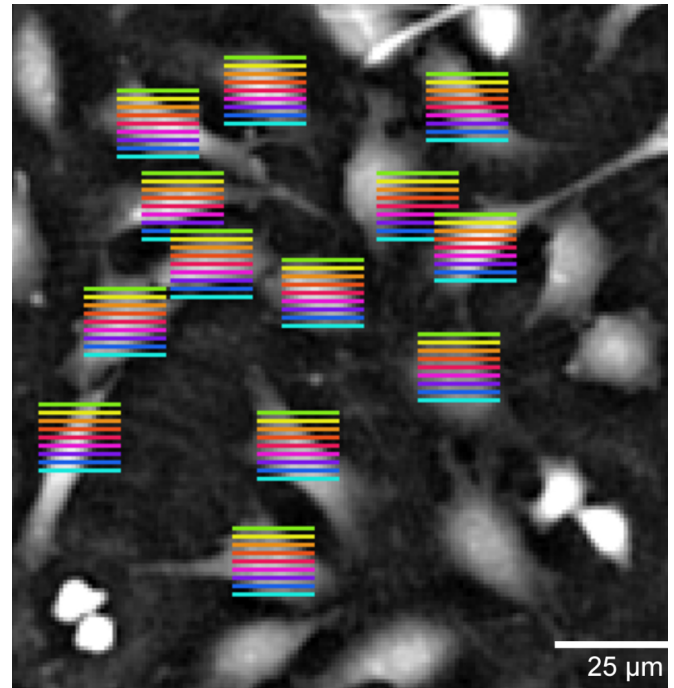
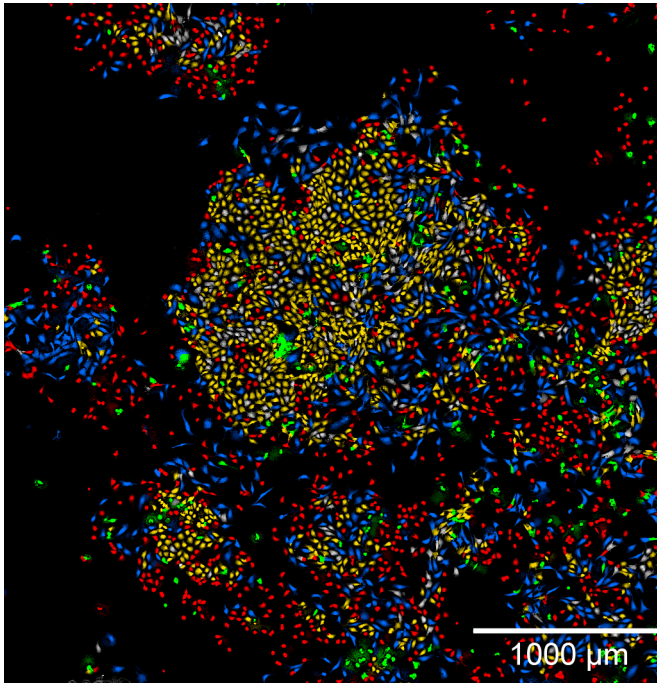


# REVEAL

## Neuronal microscopy for cell behavioural examination and manipulation



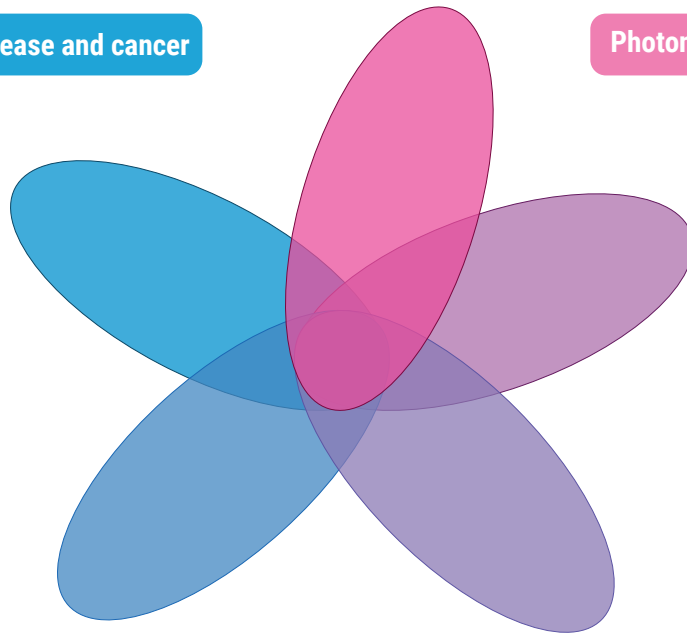
**REVEAL aims to develop a novel microscope at the interface of instrumentation, machine learning and Biology.**

REVEAL is an EU-funded multidisciplinary project that aims to develop a revolutionary microscopy technique capable of 2D and 3D live-cell imaging. Using machine learning, the microscope will be able to perceive and interpret cellular events that may lead to malignant transformation.

It will give users the opportunity to detect and collect different types of liver cells which will be subsequently analysed at the molecular and biochemical level. The project will associate cellular phenotypes observed under the microscope with gene expression profiles, offering important knowledge on the cellular origin of liver cancer.

Metabolic liver disease and cancer

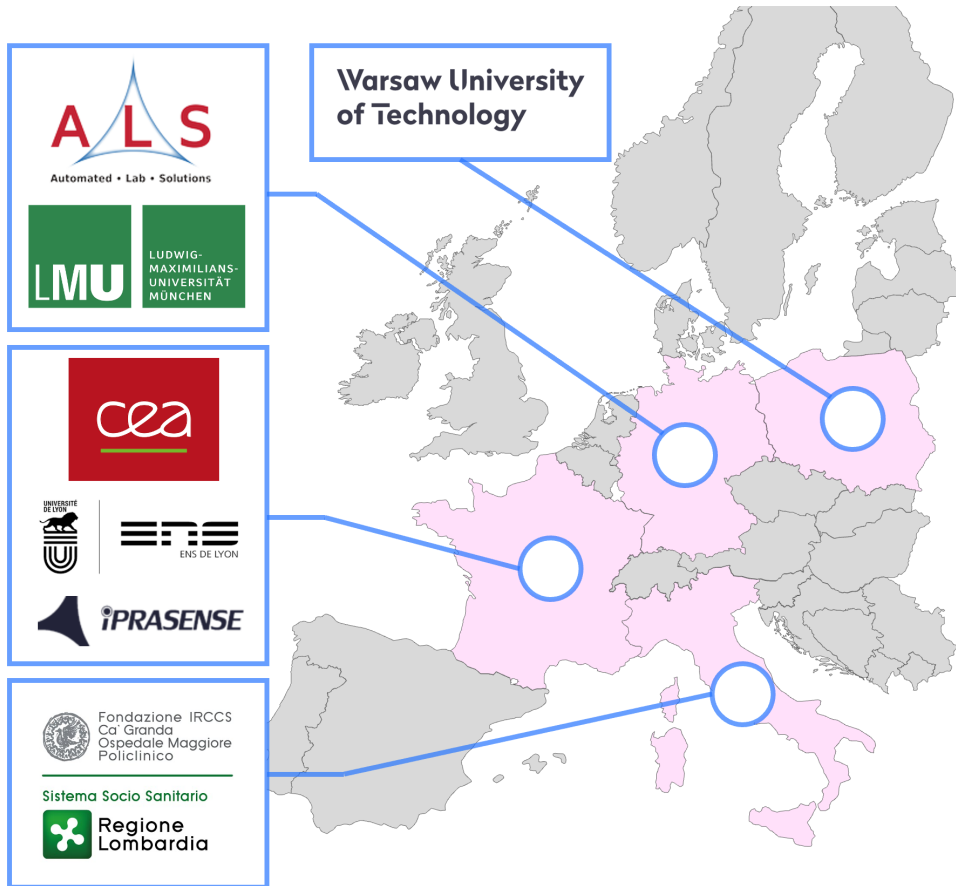
Photonics phase imaging, AI/ML



Optomechanics solutions

Transcriptomics, Proteomics

2D and 3D cell systems



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