



IMAGING

CONTRIBUTES TO



2 ZERO
HUNGER



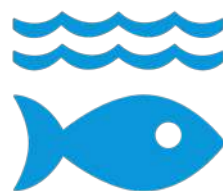
3 GOOD HEALTH
AND WELL-BEING



13 CLIMATE
ACTION



14 LIFE
BELOW WATER



**SUSTAINABLE
DEVELOPMENT
GOALS**

15 LIFE
ON LAND



UNDERWATER MICROSCOPES OBSERVE MARINE ORGANISMS

CORAL

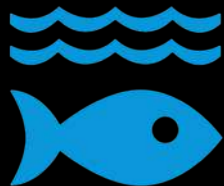
BLEACHING:

Researchers at **Israel
BioImaging** developed
underwater microscopes
to examine marine
ecosystems at the
micrometre level.

13 CLIMATE
ACTION



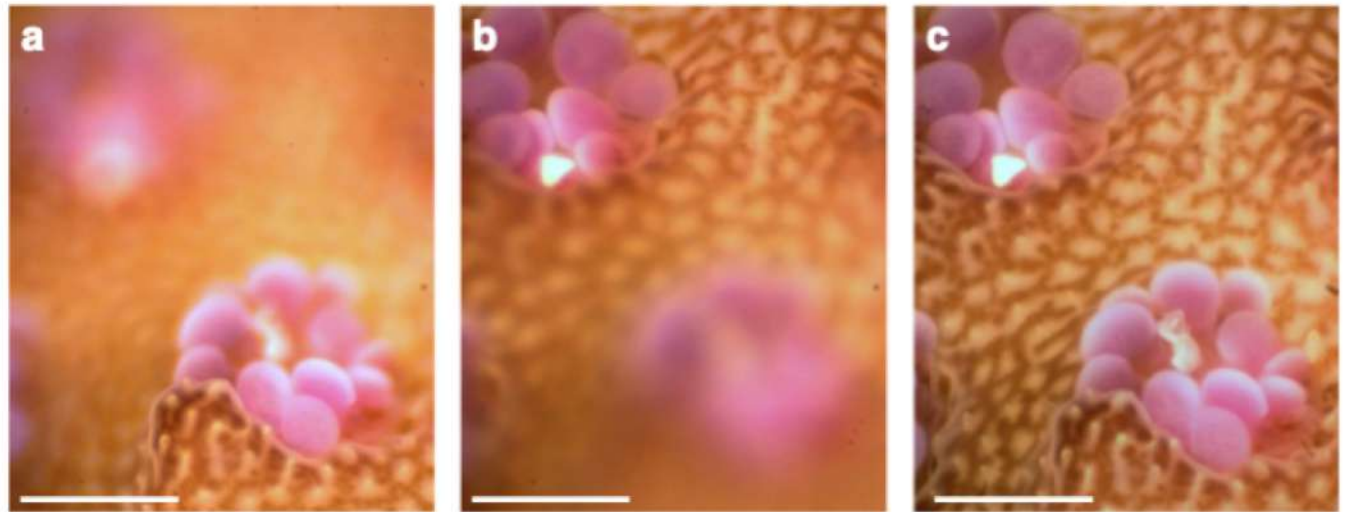
14 LIFE
BELOW WATER



EURO BIOIMAGING



Photo courtesy of Viseon Marine Imaging Lab



Focal scan using ETL and composite image formation. Mullen, A. D. et al., “*Underwater microscopy for in situ studies of benthic ecosystems*” in *Nature Communications* (2016). Creative Commons Attribution 4.0. DOI: 10.1038/ncomms12093

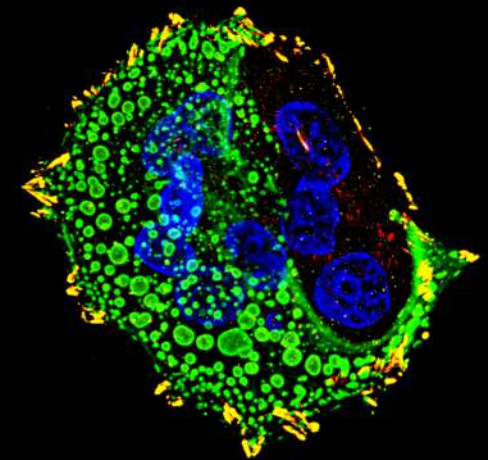
IMAGING TECHNOLOGIES SUPPORT HUMAN HEALTH AND WELL-BEING

CANCER:

Euro-Biolmaging's Sofia Biolmaging Node in Bulgaria studies the molecular and cellular to support cancer research.

DRUG DISCOVERY, EARLY DIAGNOSIS AND THERAPY MONITORING:

Euro-Biolmaging's Molecular Imaging Italian Node develops biomedical imaging technologies to study tumor metabolism.

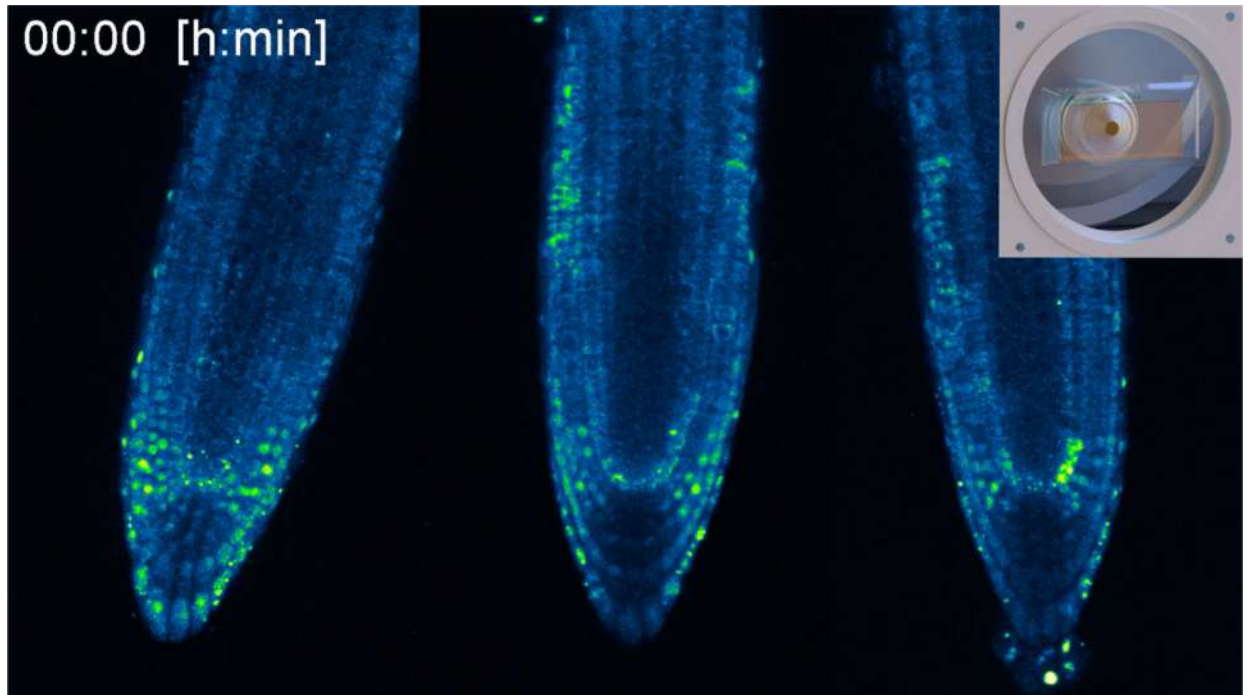


3 GOOD HEALTH
AND WELL-BEING



PLANT DEVELOPMENT:
Scientists at **Austrian BioImaging/CMI** have designed an inverted microscope and associated software that make it possible to image live plant roots in their natural gravitational environment over a prolonged period of time.

Scientists at **Austrian
BioImaging/CMI** have designed an inverted microscope and associated software that make it possible to image live plant roots in their natural gravitational environment over a prolonged period of time.



Gravistimulation experiment of three Arabidopsis root tips expressing the auxin response marker DII-Venus. [von Wangenheim et al. eLife 2017;6:e26792. DOI: 10.7554/eLife.26792.015](#)
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ABOUT EURO-BIOIMAGING

Imaging technologies are the central platform driving research in most disciplines of the life sciences.

Euro-BioImaging is a research infrastructure that offers open access to imaging technologies, training and data services in biological and biomedical imaging.

Euro-BioImaging consists of imaging facilities, called Nodes, that have opened their doors to all life science researchers. The technologies and expertise they offer contribute to resolving key societal challenges.

LEARN MORE:

<https://www.eurobioimaging.eu/news/how-imaging-technologies-contribute-to-un-sustainable-development-goals-sdgs/>

