

This document certifies that

Aishwarya Mellalakari

has attended the



Quantitative Light Microscopy

Centre for Genomic Regulation (CRG), Barcelona

20-24th February 2023

Topics covered in the training (40 hours):

- Principles of light microscopy and image formation
- Microscope components
- Fluorescence dyes and [proteins](#)
- Sample preparation for fluorescence microscopy
- 3D Fluorescence imaging of Cells and Tissues
- Quantitative live-cell imaging
- FAIR data in bioimaging
- Bioimage data analysis
- AI and machine learning in bioimaging
- Super-resolution microscopy
- Custom-built systems
- Core imaging units

Dr. Nadia Halidi
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Microscopy Unit (ALMU)

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CRG Head Training & Academic Office