

Biosketch:

Juan Manuel Iglesias is a cell biologist with a background in biophysics and quantitative imaging. He completed his PhD at the Max Planck Institute of Molecular Cell Biology and Genetics, where he studied how interactions between RNA and simple peptides could have formed the first protocells through phase separation. After his PhD, he joined a chemical biology lab to study lipids, where he designed an imaging routine and image analysis pipeline to quantify intracellular lipid transport from the plasma membrane to other organelles. In 2024, the project received an ERC Proof of Concept Grant, and in 2025 he co-founded a company focused on precision temperature control for live-cell microscopy.