Giovanni Scarinci

Research Activity

2024- **Postdoctoral researcher**, *Massachusetts Institute of Technology*, Department of Biological Engineering, Cambridge(MA)-USA.

2023 - 2024 **Postdoctoral researcher**, *Max Planck Institute for Terrestrial Microbiology*, Department of Systems and Synthetic Microbiology, Marburg-Germany.

Education

2018 - 2023 **PhD**, *Max Planck Institute for Terrestrial Microbiology*, Department of Systems and Synthetic Microbiology, Marburg-Germany.

2016 - 2018 **University**, *Scuola Superiore Sant'Anna/University of Pisa*, Pisa, ITALY, *Master Degree in Molecular Biotechnology*.

2013 - 2016 **University**, *Scuola Superiore Sant'Anna/University of Pisa*, Pisa, ITALY, *Bachelor Degree in Biotechnology*.

2008-2013 **High school**, *Liceo Scientifico Leonardo*, Giarre (CT), ITALY, *High school diploma progetto "Brocca"*.

Languages

English **Advanced**.

French **Intermediate**.

German **Basic**.

Publications

2024 **Enhanced metabolic entanglement emerges during the evolution of an interkingdom microbial community**, Scarinci, G., Ariens, JL., Angelidou, G. et al. Nat Commun. https://doi.org/10.1038/s41467-024-51702-1.

2023 **Impact of direct physical association and motility on fitness of a synthetic interkingdom microbial community**, Scarinci, G., Sourjik, V., The ISME Journal. https://doi.org/10.1038/s41396-022-01352-2.

2020 **Phosphoglycolate salvage in a chemolithoautotroph using the Calvin cycle**, Claassens, N.J., Scarinci, G., Fischer, A., et al. Proc. Natl. Acad. Sci. U.S.A. https://doi.org/10.1073/pnas.2012288117.

2020 **Replacing the Calvin cycle with the reductive glycine pathway in Cupriavidus necator**, Claassens, N.J., Bordanaba-Florit, G., Cotton, Charles A.R., et al. Metabolic Engineering. https://doi.org/10.1016/j.ymben.2020.08.004.