



Prof. Mariagrazia Di Luca is an Associate Professor of Microbiology in the Department of Biology at the University of Pisa. She earned her degree in Biology (2006) and a PhD in Microbiology and Genetics (2010) from the University of Pisa and conducted postdoctoral research at the Scuola Normale Superiore in Pisa and at Charité–University Hospital in Berlin (2010-2018).

Since November 2025, Prof. Di Luca is also a Principal Investigator at the International Centre for Genetic Engineering and Biotechnology (ICGEB) in Trieste, where she leads a research group on antimicrobial resistance.

Her research focuses on bacterial biofilms, antimicrobial resistance, and bacteriophage-based therapeutic strategies. She is internationally recognized for her expertise in phage biology and manufacturing for their applications in human and veterinary medicine and agriculture, bridging fundamental and translational microbiology. In addition, she is CEO and co-founder of Fagoterapia LAB, the first Italian startup aiming at developing phages therapy.

Author of more than seventy peer-reviewed publications, she contributes to European regulatory and methodological initiatives on phage therapy as a member of the EDQM working group and the EUCAST Subcommittee on Phage Susceptibility Testing.