**EDUCATION**

**Sept 2019 – Mar 2022 Master**’s degree in **Molecular and Industrial Biotechnology**, University of Bologna. Thesis title: *Study of the hypothetical role of the endo-α-N-1,3-acetylgalactosaminidase of Streptococcus pneumoniae in cellular auto-aggregation and biofilm formation*. Topic: Medical Microbiology. Supervisor: Prof. Marco Rinaldo Oggioni. Mark: 110 cum Laude.

**Oct 2016 – Oct 2019 Bachelor**’s degree in **Biotechnology**, University of Bologna. Thesis title: nanomechanical characterization of microglia cells by force microscopy atomic (AFM). Supervisor: Prof. Giampaolo Zuccheri. Mark: 107/110.

**2012 – 2016 Scientific Diploma: liceo scientifico tradizionale**, Liceo M. Allegretti Vignola (MO). Mark: 88/100.

**CONFERENCES**

**Francesco Flandi** , R Hames , D Ghezzi , CE Parolin , and MR Oggioni. *TIME-LAPSE OF PNEUMOCOCCAL PHAGOCYTOSIS*. 16th European Meeting on the Molecular Biology of the Pneumococcus (EuroPneumo), Crete (Greece), 23-26 May 2023. **Poster presentation.**

**Francesco Flandi** , R Hames , D Ghezzi , CE Parolin , and MR Oggioni. *TIME-LAPSE OF PNEUMOCOCCAL PHAGOCYTOSIS*. 16th European Meeting on the Molecular Biology of the Pneumococcus (EuroPneumo), Crete (Greece), 23-26 May 2023. **Abstract**.

**Francesco Flandi**, V Alonzi, A Poletti, F Bowen, I Okoliegbe, F Bonvicini, GA Gentilomi, K Hijazi , and MR Oggioni. *The role of the fosfomycin resistance fosB gene in Staphylococcus epidermidis*. Microbiology Society Annual Conference 2023, Birmingham International Convention Centre (UK), 17 - 20 April 2023. **Abstract**.

**GRANTS**

HORIZON-MSCA-2022-SE-01 (MSCA Staff Exchanges 2022).

**AWARDS**

Awarded the Outstanding Poster Presentation of the 16th European Meeting on the Molecular Biology of the Pneumococcus (EuroPneumo2023). **Best Poster Award**.

**RESEARCH EXPERIENCES**

**Mar 2022 – Oct 2021: Research Collaborator at the Laboratory of Molecular and Environmental Microbiology, Department of Pharmacy and Biotechnology, University of Bologna. Supervisor: Prof. Marco Rinaldo Oggioni. Research topic: *Study of the interaction between the infectious bacteria Streptococcus pneumoniae and Klebsiella pneumoniae and professional phagocytes.***

**Nov 2021: MSc** Visiting Student at the Department of Genetics and Genome Biology, University of Leicester, LeMID: Leicester Microbial Sciences & Infectious Diseases (UK). Supervisor: Prof. Marco Rinaldo Oggioni. Research topic: ***Generation of site specific mutations in virulent strains of Streptococcus pneumoniae by Gibson Assembly Method****.*

**Apr 2021 – Mar 2022:**Internship for Master Graduation and Attending Graduate at the Laboratory of **Molecular and Environmental Microbiology**, Department of Pharmacy and Biotechnology, University of Bologna. Supervisor: Prof. Marco Rinaldo Oggioni. Research topic: ***Study of the hypothetical role of the endo-α-N-1,3-acetylgalactosaminidase of Streptococcus pneumoniae in cellular auto-aggregation and biofilm formation****.*

**Mar 2019 – Jul 2019:**Internship for Bachelor Graduation at the Laboratory of Nanobiotechnology of Prof. Giampaolo Zuccheri, Department of Pharmacy and Biotechnology, University of Bologna. Supervisor: Prof. Giampaolo Zuccheri. Research topic: ***Nanomechanical characterization of microglia cells by force microscopy atomic (AFM).***

**FOREIGN LANGUAGES**

**English**: Fluent (C1/B2)

**TEACHING TUTOR**

2023-2024 Microbial Biotechnologies, Master in Molecular and Industrial Biotechnology, UNIBO.

2022-2023 Microbial Biotechnologies, Master in Molecular and Industrial Biotechnology, UNIBO.

**SESSION CHAIR**

Chair for the CMB PhD School Seminars 2022-202, UNIBO, June 2023.