Anna Maria Schito

**Education and training:**

1969: Born in Genoa, Italy, October, 18
1984-1988: classical high school studies
1992: Degree with honour in Biology, University of Genoa
1994:Examination to free biology profession passed with maximum degrees
1993-1998: Ph.D in Human Genetics, at the Institute of Biology and Genetics, University of Genoa, Medical School
1997: 3 months fellowship at the Department of Neurology of the University of California, San Francisco (USA). Fellowship sponsored by "Consorzio Interuniversitario Biotecnologie" (CIB)
1997-1999: Fellowship at the same Department of Neurology with a grant of the National Institutes of Health (NIH), Bethesda, MD, (USA)
2000- 2002: Research Assistant at the Advanced Biotechnology Center (ABC) in the Laboratory of Cell Differentiation; Scientific collaborations with the Institute of Microbiology "C.A. Romanzi" of the Di.S.C. (Department of Surgical Sciences and Integrated Diagnostic Techniques") of the University of Genova, with the Institute of Microbiology of the Catholic University of Rome and the Institute of Microbiology of the University of Catania.
From 2002: Professor of Microbiology at the Faculty of Pharmacy of the University of Genoa for the Courses in Pharmacy, Scientific Information on Drugs, Medicinal Herbs Techniques and Chemical and Pharmaceutical Technologies.
16-17/6/2003: Associate Professor in "Microbiology and Clinical Microbiology". Dean decree n. 1015 of 27/06/2003.
From 1/11/2006 initiates service at the Institute of Microbiology of the University of Genoa.
From 20/12/2006 formal association to Di.S.CIl settore MED/07

**Language skills:**
French: good
English: excellent

**Teaching activity:**
From the academic year 2006/07 until today she has held lessons in "microbiology and clinical microbiology" for the Degree Courses in Pharmacy and Pharmaceutical Chemistry and Technology at the University of Genoa
She has also held courses in the same subject over the years for the Degree Courses in Herbal Techniques, Pediatric Nursing and Biomedical Laboratory Techniques at the University of Genoa,

In detail:
2023 – 2024
- Microbiology (code 111556) Master's Degree Course (single cycle) – Pharmacy
- Elements of microbiology and clinical microbiology (code 65455) biology and genetics- Degree Course in Physiotherapy (and 13 other Mutual Degree courses)

- Microbiology and clinical microbiology (code 67949), general pathology, pathological anatomy and microbiology Degree Course - Pediatric Nursing

2024 - 2025
Microbiology (code 111556) Master's Degree (single cycle) – Pharmacy
- Microbiology (integrated course module) (code 111634): general pathology and microbiology Master's Degree (single cycle) - Pharmaceutical Chemistry and Technology

- Elements of microbiology and clinical microbiology (code 65455), biology and genetics. Degree Course – Podiatry (and 13 other Mutual Degree Courses)
- Microbiology and clinical microbiology (code 108283) Food Sciences. Degree Course - Health Care
- Microbiology and clinical microbiology (code 67949), general pathology, pathological anatomy and microbiology Degree Course - Pediatric Nursing

**Research interests**:
The research interests and activity concern the identification and evaluation of new natural and synthetic substances (including nano-engineered) with antimicrobial activity, with particular attention to compounds with anti-biofilm efficacy. The research also aims to deepen the cellular and molecular bases of microbial pathogenicity and of the interactions existing in polymicrobial communities responsible for human infections of clinical interest, as well as the microorganism-host interactions that are established in them.

**Research projects:**

- Antea Project Interreg V-A France -Italy, ALCOTRA 2014-2020
- CIRCUITO Project, PITEM CLIP Interreg France-Italy ALCOTRA 2014-2020

- INNOV Project Interreg V-A France -Italy, ALCOTRA 2014-2020

- Biofiori Project (rural development program 2014-2020 – M16.2.A Promoted by AIAB Liguria in collaboration with the partner and lead company RZERO of Leca d'Albenga, UNIGE, CREA-FSO and Coldiretti Savona

- Project "Development of green based anti-microbial nanoformulations against surface contaminations to prevent and control nosocomial infections spread." Funded by the Compagnia di S. Paolo Foundation in collaboration with Galliera Hospital of Genoa, and the DIBRIS, DCCI, DIFAR, DISC departments of UniGe