

CURRICULUM VITAE

PAOLA BRUN



PERSONAL INFORMATIONS

UNIVERSITY OF PADOVA,
DEPARTMENT OF MOLECULAR MEDICINE
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CARRIER SUMMARY

2021 – TODAY: ASSOCIATE PROFESSOR IN MICROBIOLOGY
2010 - 2021: UNIVERSITY OF PADOVA, ASSISTANT PROFESSOR IN MICROBIOLOGY
2005 - 2010: UNIVERSITY OF PADOVA, POST-DOCTORAL FELLOW IN
GASTROINTESTINAL MOTOR DISORDERS
2001 - 2004: UNIVERSITY OF PADOVA, PhD IN GASTROENTEROLOGY

EDUCATION

2025: Smart Learning Design, workshop T4L, 23 gennaio
2023: Digital week 11-15 settembre 2023
2019: Teaching4learning workshop: Strategic inquiry, evidence-based practice and dissemination. UNIPD.
2018: T4L CHIM-MM-SDF organized by Digital learning and Multimedia Services. UNIPD
FEB 2014 – OCT 2014: Visiting Professor at the Department of Pharmacology and Toxicology, Virginia Commonwealth University (VCU), USA
2013: INTERNATIONAL CONGRESS OF IMMUNOLOGY, COURSE IN IMMUNOLOGY, IMMUNOLOGIC DISEASES AND THERAPEUTIC STRATEGIES.
2007: EUROPEAN ASSOCIATION FOR THE STUDY OF THE LIVER, SCHOOL IN CELL SIGNALING.
2006: EUROPEAN ASSOCIATION FOR THE STUDY OF THE LIVER, SCHOOL IN HEPATOLOGY
2005: SCUOLA SUPERIORE DI IMMUNOLOGIA “RUGGIERO CEPPELLINI”, SCHOOL IN “INNATE IMMUNITY IN SELF AND INFECTION NON-SELF RECOGNITION”.
2005: PhD, UNIVERSITY OF PADOVA, DEPARTMENT OF CHIRURGICAL AND GASTROENTEROLOGICAL SCIENCES.
2001: UNIVERSITY DEGREE IN PHARMACY

TEACHING

DIAGNOSTIC MICROBIOLOGY. MASTER DEGREE IN PHARMACEUTICAL BIOTECHNOLOGIE. SCHOOL OF PHARMACY, UNIPD
PARASITOLOGY. DEGREE IN MEDICAL AND SURGERY. UNIPD
THE HUMAN MICROBIOTA. DEGREE IN MEDICINE AND SURGERY, UNIPD
MICROBIOLOGY AND IMMUNOLOGY. DEGREE IN PHARMACEUTICAL SCIENCES, SCHOOL OF PHARMACY. UNIPD
MICROBIOLOGY AND CLINICAL MICROBIOLOGY. DEGREE IN NURSERY, SCHOOL OF MEDICINE.
CLINICAL MICROBIOLOGY. DEGREE IN PHYSIOTHERAPY, SCHOOL OF MEDICINE
CLINICAL MICROBIOLOGY. SPECIALIZATION SCHOOL

RESEARCH INTERESTS

MICROBIOLOGICAL DECONTAMINATION; STRATEGIES OF MICROBIAL CONTAINMENT;
INNATE IMMUNITY AND INFLAMMATION; NEUROTROPIC VIRUSES

FUNDING

2025: CO-INVESTIGATOR. FISA RESEARCH PROJECT: RESPONSIVE EARLY ANTIBIOTIC RESISTANCE DETECTION AND THERAPY: A BIOLOGICAL DATA ANALYTICS, AUTOMATION AND ARTIFICIAL INTELLIGENCE-BASED APPROACH
2021: CO-INVESTIGATOR. RESEARCH PROJECT: RESTORING ANTIBIOTIC SENSITIVITY IN BACTERIA: A SYNTHETIC BIOLOGY APPROACH – GRANTED BY CARIPARO
2020: *IN VITRO* SCREENING OF COMPOUNDS FOR THEIR ANTI-BIOFILM ACTIVITY – GRANTED BY UNIR&D SPIN-OFF
2019: ANTIBACTERIAL EFFICACY OF IRON-MAGNETIC SURFACES – GRANTED BY DALMESSE ITALIA
2018: CO-INVESTIGATOR. RESEARCH PROJECT “COLD PLASMA FOR STERILIZATION OF JUICES” – GRANTED BY REGIONE VENETO, F.S.E. 2014-2020.
2018: ANTIBACTERIAL EFFECTS OF NATURALLY DERIVED POLYSACCHARIDES – GRANTED BY UNISMART-ABRESEARCH, VICENZA
2016: ANTIMICROBIAL EFFICACY OF COLD ATMOSPHERIC PRESSURE PLASMA – GRANTED BY C.S.O. SRL. COSTRUZIONI STRUMENTI OFTALMICI, FIRENZE.
2016: CO-INVESTIGATOR. RESEARCH PROJECT “EFFECTS OF DIETARY GLUTAMATE ON GUT HOMEOSTASIS” – GRANTED BY AJINOMOTO CO., INC., JAPAN
2012: ANTIMICROBIAL ACTIVITY OF POLY-DEOSSIRIBONUCLEOTIDES (PDRN) – GRANTED BY ARCHIMEDES S.R.L., PADOVA
2011: IMMUNOMODULATING EFFECTS OF PROBIOTIC STRAINS – GRANTED BY AAT, ADVANCED ANALYTICAL TECHNOLOGIES, PIACENZA
2011: PI INVESTIGATOR. RESEARCH PROJECT “INFECTION OF THE ENTERIC NERVOUS SYSTEM” – GRANTED BY EUROPEAN SOCIETY OF CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES

PATENTS

2019: “INSOLUBLE POLYSACCHARIDES FOR *CLOSTRIDIUM DIFFICILE* INFECTIONS”. REQUEST N. 102019000006858, MAY 2019
2014: “FORMULATIONS COMPRISING *SACCHAROMYCES BOULARDII* AND SUPEROXIDE DISMUTASE FOR CONTROLLING OBESITY”. EP2739295 A2

ADDITIONAL INFORMATION

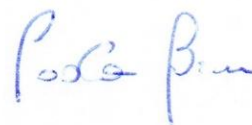
AUTHOR OF 115 INTERNATIONAL PEER-REVIEWED ARTICLES. AUTHOR OF 1 INVITED REVIEW; INVITED AUTHOR FOR TWO CHAPTERS ON A BOOK EDITED BY SPRINGER NATURE.

WEB OF SCIENCE SOURCE: NUMBER OF CITATIONS WITHOUT SELF-CITATIONS, 2430; MEAN, 28.8 CITATION/ARTICLE; H-INDEX, 29.

GOOGLE SCHOLAR SOURCE: NUMBER OF CITATIONS, 3585; H-INDEX: 33; I10-INDEX, 63.

In compliance with the Italian legislative Decree n° 196/2003 art. 13, I authorize the use and process of personal data in this document.

Padova, October 29, 2025

A handwritten signature in blue ink, appearing to read 'Paola Brun'.

Brun Paola