

EDUCATION AND TRAINING

2007 **MASTER DEGREE IN BIOMOLECULAR AND BIOFUNCTIONAL SCIENCES** – University of Camerino

2008 – 2011 **PH.D IN ENVIRONMENTAL SCIENCES AND PUBLIC HEALTH** – University of Camerino

2008 WORKSHOP ORGANIZING COMMITTEE MEMBER: MODERN DRUGS AND TRADITIONAL TREATMENTS IN THE CONTROL OF MALARIA: A MULTI-DISCIPLINARY AND MULTI-CULTURAL APPROACH – University of Camerino

2009 WORKSHOP ORGANIZING COMMITTEE MEMBER: REDUCING PLASMODIUM TRANSMISSION AND MALARIA BURDEN BY INTEGRATED VECTOR CONTROL: "PROGRESS IN ITNS AND IRS IMPLEMENTATION AND PERSPECTIVES ON GENETICALLY MODIFIED MOSQUITOES AS FUTURE TOOLS" – University of Camerino

2010 AUTHORIZATION TO PRACTICE THE PROFESSION OF BIOLOGIST – University of Camerino

2017 **MASTER DEGREE IN PHARMACY** – University of Camerino

2017 AUTHORIZATION TO PRACTICE THE PROFESSION OF PHARMACIST – University of Camerino

2019 **ABILITAZIONE SCIENTIFICA NAZIONALE**: Professore II Fascia - Settore concorsuale 07/H3 – Malattie Infettive e Parassitarie degli Animali

WORK EXPERIENCE

2008 – London, United Kingdom. EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY (COST) **RESEARCH FELLOW** – PROF ANGRAY KANG, **UNIVERSITY OF WESTMINSTER**

2009 – London, United Kingdom. EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY (COST) **RESEARCH FELLOW** – PROF ANGRAY KANG, **UNIVERSITY OF WESTMINSTER**

2011 – Camerino (MC), Italy **RESEARCH FELLOW** – PROF. GUIDO FAVIA, **UNIVERSITY OF CAMERINO**

2011 – 2012 – Perugia, Italy **RESEARCH FELLOW** (ASSEGNO DI RICERCA pre-Gelmini ex art. 51, comma 6, Legge 449/97) – PROF. ANDREA CRISANTI, **UNIVERSITY OF PERUGIA**

2012 – 2013 – Camerino (MC), Italy **RESEARCH FELLOW** – PROF IRENE RICCI, **UNIVERSITY OF CAMERINO**

2013 – 2015 – Camerino, Italy **RESEARCH FELLOW** – PROF IRENE RICCI, **UNIVERSITY OF CAMERINO**

2015 – 2017 – Camerino, Italy **RESEARCH FELLOW** – PROF IRENE RICCI, **UNIVERSITY OF CAMERINO**

2017 – 2019 – Camerino, Italy **RESEARCH FELLOW** (ASSEGNO DI RICERCA) – PROF. GUIDO FAVIA, **UNIVERSITY OF CAMERINO**

2019 – 2020 – Camerino (MC), Italy **RESEARCH FELLOW** (ASSEGNO DI RICERCA) – PROF. IRENE RICCI, **UNIVERSITY OF CAMERINO**

2020 – CURRENT – Camerino (MC), Italy **RESEARCH FELLOW** (ASSEGNO DI RICERCA) – PROF. GUIDO FAVIA, **UNIVERSITY OF CAMERINO**

Native language Italian

Other languages

	UNDERSTANDING		PARLATO		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	C1	C1	C1

PROFESSIONAL SKILLS

Molecular biology: PCR, real-time PCR, molecular cloning, DGGE, western blot. Microbiology: isolation of bacteria and yeasts and their genetic transformation. IFA, FISH, ELISA. Fluorescence microscopy. Dissection of mosquitoes. Monitoring and microscopic morphological identification of vector insects. Breeding of mosquitoes and other vectors of socio-sanitary and agronomic interest.

RESEARCH INTERESTS

General and molecular parasitology, microbiology, molecular biology, cellular biology, symbiosis in insect vectors.

SCIENTIFIC PRODUCTION

N.21 Publications in Peer-reviewed international journals
 Scopus **H Index: 17**
 Scopus Total **Citations: 1079** by 593 documents

N.22 National and International Conferences Abstract
 N.1 Book Chapter

Co-founder and member of the board of directors of **Bioveblok Srl**, **spin-off** of the University of Camerino.

Bioveblok was founded in 2016 with the main purpose of developing innovative, biological (natural, non-toxic) methods for suppressing mosquito-carriers of dangerous diseases as malaria, dengue, chikungunya, Yellow Fever, and Zika virus.

Our spin-off has received national and international awards with public/private investments of around 1 million Euros; currently our company has 108 partners and its research and production institute is in Muccia (Macerata).