

PROF. GIULIA COLLODEL, PhD

Curriculum vitae et studiorum

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Present position: Associate Professor in Applied Biology (SSD BIO/13) at the Department of Molecular and Developmental Medicine, University of Siena, Siena, Italy.

1987: Degree in Biological Science (110/110 cum laude)

Fellowship "G. Guelfi" (Lincei Academy)

1987-1997-Teacher in the lab course of Applied Biology, Odontology and Dental Prothesis Degree, Teacher in the lab course of Biology and Genetics, Medical and Surgery Degree

1988: Qualification at the Biologist profession

1988-Fellowship "G. Guelfi" (Lincei Academy)

1990-1994- PhD in "Biology of Germinal Cells"

1993-Professor of "Ultrastructural methods of study" at Technicians School, USL Arezzo

1994-1996-Professor of "General and Cellular Biology" at Physiotherapy School, University of Siena

1995-Fellowship "AIDS Research" (Istituto Superiore di Sanità)

1995-1997-Contract Art.2222, University of Siena

1997-1998-Guest in the lab of Professor Jordi Benet, University of Barcellona

1998-Collaborator technician

2002- Confirmed Researcher in Applied Biology (SSD Bio/13), University of Siena. **2006-**

2012 Director of Interdepartmental. Centre of Study and Therapy for Male Infertility (University of Siena)

2006- Member of Accademia dei Fisiocritici

2012-Member of the Board of Doctoral School in Molecular Medicine (Siena University)

2013- Member of Joint Committee of Department of Molecular and Developmental Medicine, Siena University

2014- Deputy for the Research (Department of Molecular and Developmental Medicine, Siena University).

2015 Associate Professor in Applied Biology (SSD BIO/13) at the Department of Molecular and Developmental Medicine, Siena University

2018 Member of the teaching Committee of the Master' s Degree Biotechnologies of Human Reproduction, Department of Molecular and Developmental Medicine, Siena University

Author and co-author of 190 papers in International peer reviewed journals, H index 38

At present teacher of "Applied Biology" in three-year degree course: Tecniche di Fisiopatologia Cardiocircolatoria e perfusione cardiovascolare, Ortottica e Assistenza Oftalmologica, Tecniche della Prevenzione nell'ambiente e nei luoghi di lavoro, Igiene Dentale, Tecniche di Radiologia Medica per immagini e Radioterapia, Dietistica, Logopedia, Tecnici di Laboratorio Biomedico, Siena University.

Teacher of "Applied Biology" in the Graduate School in Occupational Health and Medical Genetics, Siena University.

Teacher of "Animal Biology" in Master's Degrees of Pharmacy and Chemistry and Pharmacological Technology, in Applied Biology (IC Applied Biology) in Master's Degree "Dentistry and Dental Prosthodontics" (in english language) and in "Biology of gametes I" (IC Biology of fertility), Master's Degree in Biotechnologies of Human Reproduction Siena, University (in english language). Teacher in "Normal and altered Spermatogenesis" and "Andrology laboratory", 2nd level Master's Degree in "Medical Biotechnologies and Biology of Reproduction", Siena University.

Research

Morphological and molecular study of human and animal spermatogenesis in normal and pathological conditions.

In vivo and in vitro studies, using the sperm cell as a cell model, to test the effect of antioxidants, heavy metals and nanoparticles.