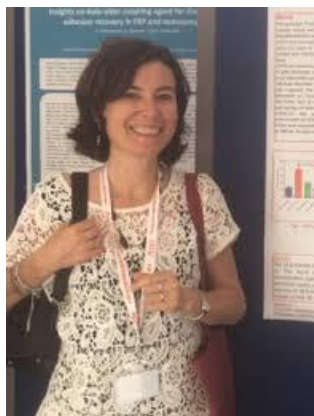







## Giuseppina Nocca CV

### PERSONAL INFORMATIONS

Giuseppina Nocca

1. Caratterizzazione chimico-biologica di biomateriali soprattutto di interesse odontoiatrico con particolare riguardo – negli ultimi anni - ai materiali per l'odontoiatria rigenerativa
2. Caratterizzazione chimico-biologica di biomateriali per l'Oral Drug Delivery



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 [giuseppina.nocca@unicatt.it](mailto:giuseppina.nocca@unicatt.it)  


Female | Date of birth: 20/03/1967 | Nationality: Italian

### POSITION

Associate Profesor SSC BIO10- Dipartimento di Scienze biotecnologiche di base, cliniche intensivologiche e perioperatorie – Sezione di Biochimica - Università Cattolica del Sacro Cuore - Roma

### PROFESSIONAL EXPERIENCES

Giuseppina Nocca is an Associate Professor in Biochemistry at the Catholic University in Rome, where she coordinates a research group engaged in the characterization of the Drug Delivery System. She has been carrying out research for 30 years in the field of biochemical interactions between cells and drugs and between cells and biomaterials (overall in the dentistry field). In particular, she has a documented experience in the study of the alterations of the metabolic pathways that underlie the toxicity of drugs or biomaterials, as a starting point for improving the biocompatibility characteristics of biomaterials, using both primary and stable cell cultures in 2D and 3D, together with techniques for the synthesis and characterization of nanocarriers for drug delivery. She is the author of over 60 full-length publications in indexed international journals with a total Impact Factor of 1119 and an H-index of 21 (source: Scopus) and a total Impact Factor of 1539 and an H-index of 26 (source: google scholar).

### EDCATION AND TRAINING

1987-1992	Degree in Biological Sciences at La Sapienza University, Rome
1992	Graduated cum laude in Biological Sciences. Experimental thesis titled: Production and characterization of monoclonal antibodies against fungal polygalacturonases. Conducted at the ENEA Center (Casaccia, Rome) and the University of Tor Vergata. Supervisor: Prof. Felice Cervone, Co-supervisor: Prof. Bruno Giardina.
1993	
1992-1993	State Exam for Qualification to Practice as a Biologist
1992-1998	Postgraduate Internship at the Institute of Chemistry of the Catholic University of the Sacred Heart - Rome
1998	Specialization School in Clinical Pathology at the Catholic University of the Sacred Heart - Rome
1999-2021	Specialization cum laude in Clinical Pathology
2021-today	University Researcher (Permanent Position) at the Institute of Biochemistry and Clinical Biochemistry UCSC-Rome  ASSOCIATE PROFESSOR at the Dipartimento di Scienze biotecnologiche di base, cliniche intensivologiche e perioperatorie

**Professional skills**

Dal 2012 a oggi

Dal 2019 ad oggi

Dal 2012 a oggi

Dal 2013 a oggi

Dal 2015 a oggi

Dal 2016 a oggi

**Peer-reviewer**

peer-reviewer in Dove Medical Press journals for: Clinical, Cosmetic and Investigational Dentistry and Research and Reports in Biochemistry

peer-reviewer in Nanomaterials MDPI

peer-reviewer in Molecules MDPI

**Editorial Boards Member**

Editorial Board Member in World Journal of Stomatology

Editorial Board Member in Oral Biology and Dentistry

Editorial Board Member in BioMed Research International: Biomaterials

Editorial Board Member in Edorium™ Journal of Biochemistry

Editorial Board Member in Oral Health and Dentistry

Editorial Board Member in Material Science &amp; Engineering Journal

**Funding Obtained:**

- 2000: Participation in the National Program for Scientific Research of Significant National Interest: "Mechanisms of metabolic modulation in erythrocytes: the role of hemoglobin and the membrane protein Band 3."
- 2001: Participation in the National Program for Scientific Research of Significant National Interest: Identification of new diagnostic-prognostic tumor markers in bladder cancer.
- 2005: Participation in the CNR commission: Proteomics and Metabolomics - Development and applications of innovative methodologies Module: Salivary Proteomics.
- 2007: Participation in the university project (Line D1) Characterization of heme proteins of biomedical interest using advanced spectroscopic techniques.
- 2009: Participation in the university project (Line D1) "Aldo-keto reductases and anthracycline cardiotoxicity."
- 2010: Participation in the university project (Line D1) "Detoxification of methylacrylic monomers present in composite resins."
- 2018: Participation in the POR FESR 2014-2020 funded project - "KETs" Call - "CRANIMA" Project: Implants based on innovative composites for CRANIoplasty applications: from tomographic image processing to prototype realization through additive manufacturing.
- 2011: Project leader of the university project (Line D1) "Evaluation of the differentiating capacity of dental pulp stem cells according to their metabolic conditions."
- 2018: Project leader of the university project (Line D1) "New platforms for oral drug delivery."
- 2019: Project leader for the second year of the university project (Line D1) "New platforms for oral drug delivery."
- 2019: Holder of a fund provided by STUDIO ASSOCIATO DR. A. MASCIANDARO E G. TAGARIELLO to finance a six-month scholarship for the project for which she is responsible: Customized bio-resorbable mesh for prosthetic guided Bone Regeneration. The competition notice has already been completed.

- 2021: Unit leader of the SISMAC project “Innovative Sensorized Systems through Additive Manufacturing for Cranioplasty” funded by POR FESR Lazio 2014-2020. Project T0002E0001. Under the Public Notice "Research Group Projects 2020" (Managerial Determination No. G08487 of July 19, 2020) Determination April 13, 2021, No. G04014.

## Dati personali

**Autorizzo l'ISS e l'Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679"**

Roma, 16/07/2024

