

PERSONAL INFORMATION

Rosaria Benedetti



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🌐 <https://www.medicinadiprecisione.unicampania.it/dipartimento/docenti?MATRICOLA=703251>

Sex F | Date of birth 21/10/1984 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input checked="" type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

(1/1/2022-1/1/2025)

RTDB in 06/A2 MED/04, University of Campania "Luigi Vanvitelli"

2020-Certification for tenured Associate Professorship 06/A2 MED/04 (2020)

November 2019- RTDA in General Pathology at the University of Campania "Luigi Vanvitelli"

September 2018-Honorary Fellow in General Pathology, Università degli Studi della Campania "Luigi Vanvitelli", Scuola di Medicina e Chirurgia, Corsi di Laurea in Odontoiatria e Protesi Dentaria

2012-2018 Research associate, Università degli Studi della Campania "L. Vanvitelli" - Dipartimento di Biochimica, Biofisica e Patologia Generale

Founder of CIRCE srl, spin-off of University of Campania "Luigi Vanvitelli"

EDUCATION AND TRAINING

(2020-2026)

Certification for tenured Associate Professorship 06/A2 MED/04 (2020)

Postgraduate School in Clinical Pathology and Clinical Biochemistry (2021), with a thesis entitled "New epigenetic approaches to breast cancer therapy"

PhD in Biotechnology with a thesis entitled "UV laser crosslink induction: an innovative tool for epigenetic studies" University of Naples "Federico II" (2012)

Master degree in Biotechnological Sciences (summa cum laude), University of Naples "Federico II", Experimental thesis in Biophysics (2008)

Job-related skills

Epigenetic regulations in solid and haematological cancers. Skills in the basic techniques of molecular and cellular biology, in particular, all those methods for the manipulation, the characterization and the use of DNA, RNA and proteins, ChIP, micro-arrays, fluorescence microscopy, high throughput screening. Excellent skills in the field of cell cultures of both eukaryotes and prokaryotic (flow cytometry and management of fermentation processes in pilot/industrial scale): proliferation assay, morphological assays, migration and differentiation evaluation. Specific knowledge in the field of proteomics and transcriptomics. NGS technologies and "omic" analysis.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s) English, C1/C2

- Patents Scientific and administrative partner of EPIC s.r.l, Spin-off of Università degli Studi della Campania Luigi Vanvitelli. List of patent: Patent nr.WO2017/1988; nr. 102019000008301; nr.102019000013236 Cofounder of CIRCE srl, spin-off of University of Campania "Luigi Vanvitelli"
- Mentoring activity Supervisor of several Ph.D. students; Supervisor of numerous undergraduate students; Member of the Doctoral School in Translational Medicine - DOT1349104
- Teaching activity Pathology and General Physiopathology and Medical Genetics, University of Campania "Luigi Vanvitelli" (average enrolment 100 students); Physiopathological Sciences, degree course in Nursing, (average enrolment 20 students); General Pathology at the Faculty of Nursing Sciences, ASL NA1
- Grants "Epigenetic Hallmarks of Multiple Sclerosis" (acronym Epi-MS) (id:415, Merit Ranking Area ERC LS) in VALERE 2019 Program Funded: 153000,00 euro for PI Unit
V:ALERE 2020 – Progetto competitivo "CIRCE: Cysteine protease as target for drug delivery in advanced state colorectal cancer" in risposta al bando D.R. n. 138 del 17/02/2020 Program Funded: 20900,00 euro
- Invited presentations
- 1st International/32nd Annual Conference of Italian AICC
 - MuTaLig and Epigenetic Chemical Biology: Joint CM1406/CA15135
 - Meeting BLUEPRINT / IHEC
 - 3rd Joint Meeting of Pathology and Laboratory Medicine
 - Local organizer of meeting "Frontiers in Molecular Biology"
 - Meeting Chromatin, epigenome and drug discovery
 - COST ACTION SeqAHEAD: NGS Data Analysis Workshop
 - SLAS 2013, conference and practical course
- Awards Pandolfi prize 2019 from SIPMeT;
Tony B. scientific prize in January 2013, Orlando, USA;
Subject Expert in General Pathology, years 2018-2021
- Digital skills Practical knowledge of linux language and bioinformatics programming skills. Interpolation of multiomics data with consultation of the main bioinformatics databases. Syntax of the FASTA format for sequences and techniques for genomic sequence alignment. Preprocessing of aligned reads and manipulation of BAM and BigWig files. Knowledge of differential expression analysis in R programm.

ADDITIONAL INFORMATION

Scientific Impact

h-index: 19
1387 total citations
52 articles in ISI peer-reviewed journals
16 articles as first-author 5 articles as corresponding author
215 national and international Co-authors

Relevant publications

- **The complete list of Publication is available on Scopus Author ID: 31567489500 and on pubmed: <https://pubmed.ncbi.nlm.nih.gov/?term=rosaria+benedetti&sort=date>**

PLACE AND DATE	According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV
Naples, June 26 nd , 2022	SIGNATURE 