

Curriculum Vitae

Personal information

First name(s) / Surname(s)	Rosaria Benedetti
Address(es)	Via Emilio Scaglione 183, NAPLES, ITALY
Telephone(s)	Mobile: +393248836113
E-mail	rosaria.benedetti@unicampania.it
Nationality	Italian
Date of birth	October 21nd 1984
Gender	Female

Occupational field **Assistant Professor (Researcher type B).** Università degli Studi della Campania “L. Vanvitelli”

Work experience

Date	From December 2021 to date
Occupation or position held	RTDB in 06/A2 MED/04, University of Campania “Luigi Vanvitelli”
Main activities and responsibilities	Teaching and Research activity
Name and address of employer	Università degli Studi della Campania “L. Vanvitelli”, viale Lincoln 5, 81100 Caserta
Type of business or sector	University-Research
Date	From 01/01/2022 to date
Occupation or position held	Biologist executive for Medical Epigenetics Program at University of Campania “Luigi Vanvitelli”
Main activities and responsibilities	Teaching and Research activity
Name and address of employer	Università degli Studi della Campania “L. Vanvitelli”, viale Lincoln 5, 81100 Caserta
Type of business or sector	University-Research
Date	From 2018 to date
Occupation or position held	Habilitation ASN 2018 for Associate Professor 06/A2 (MED/04)
Date	From October 2019 to December 2021
Occupation or position held	RTDA in General Pathology at the University of Campania “Luigi Vanvitelli”
Main activities and responsibilities	Teaching and Research activity
Name and address of employer	Università degli Studi della Campania “L. Vanvitelli”, viale Lincoln 5, 81100 Caserta
Type of business or sector	University-Research
Date	From 2012 to 2019
Occupation or position held	Research fellow, University of Campania “Luigi Vanvitelli”
Main activities and responsibilities	Research activity
Name and address of employer	Università degli Studi della Campania “L. Vanvitelli”, viale Lincoln 5, 81100 Caserta
Type of business or sector	University-Research

Annex 2

Date	2009																										
Occupation or position held	Collaboration with National Interuniversity Consortium for the Physical Sciences of Matter																										
Date	From 2022																										
Occupation or position held	Co-Founder																										
Name and address of employer	CIRCE University Spin-OFF.Università degli Studi della Campania “L.Vanvitelli”, viale Lincoln 5, 81100 Caserta																										
Type of business or sector	Research-Start up																										
Date	From 2019																										
Occupation or position held	Scientific and administrative partner																										
Name and address of employer	EPIC s.r.l University Spin-OFF.Università degli Studi della Campania “L.Vanvitelli”, viale Lincoln 5, 81100 Caserta																										
Type of business or sector	Research-Start up																										
Education and training																											
2020	Certification for tenured Associate Professorship 06/A2 MED/04 (2020)																										
2021	Postgraduate School in Clinical Pathology and Clinical Biochemistry, with a thesis entitled “New epigenetic approaches to breast cancer therapy”																										
2012	PhD in Biotechnology with a thesis entitled " UV laser crosslink induction: an innovative tool for epigenetic studies " University of Naples “Federico II”																										
2008	Master degree in Biotechnological Sciences (summa cum laude), University of Naples “Federico II”, Experimental thesis in Biophysics																										
Personal skills and competences																											
Mother tongue(s)	Italian																										
Other language(s)	English																										
Self-assessment	<table><tr><th colspan="2">Understanding</th><th colspan="2">Speaking</th><th colspan="2">Writing</th></tr><tr><td colspan="2">Listening</td><td colspan="2">Reading</td><td colspan="2">Spoken interaction</td><td colspan="2">Spoken production</td><td colspan="2"></td></tr><tr><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td><td></td><td>C1</td></tr></table>	Understanding		Speaking		Writing		Listening		Reading		Spoken interaction		Spoken production					C1		C1		C1		C1		C1
Understanding		Speaking		Writing																							
Listening		Reading		Spoken interaction		Spoken production																					
	C1		C1		C1		C1		C1																		
European level (*)																											
English																											
(*) Common European Framework of Reference for Languages																											
Social skills and competences																											
Mentoring activities	Supervisor of several Ph.D. students; Supervisor of numerous undergraduate students; Member of the Doctoral School in Translational Medicine - DOT1349104 Università degli Studi della Campania “L.Vanvitelli”																										
Didactic activity																											
From 2018 to date																											

Annex 2

	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”
Organisational skills and competences	
Awarded grants	<p>“Epigenetic Hallmarks of Multiple Sclerosis” (acronym Epi-MS) (id:415, Merit Ranking Area ERC LS) in VALERE 2019 Program; Funded: 153.000,00 euro</p> <p>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: 20.900,00 euro</p> <p>POR FESR CAMPANIA 2014 / 2020 O.S. 1.1 AVVISO PUBBLICO CAMPANIA START UP 2020; Funded: 97.848,00 euro</p>
Editorial activity	<p>Editor of Epigenetics Communication</p> <p>Editorial Board Member of Clinical Epigenetics</p> <p>Editorial Board member of Global Journal of Cancer Therapy</p> <p>BMC Genetics reviewer 2014-2019</p> <p>Clinical Epigenetics reviewer 2015-2019</p>
Prize	<p>Pandolfi prize 2019 from SIPmeT</p> <p>Tony B. scientific prize in January 2013, Orlando, USA</p> <p>Subject Expert in General Pathology, years 2018-2021</p>
Conferences and invited presentation	<p>1st International/32nd Annual Conference of Italian AICC</p> <p>MuTaLig and Epigenetic Chemical Biology: Joint CM1406/CA15135</p> <p>Meeting BLUEPRINT / IHEC</p> <p>3rd Joint Meeting of Pathology and Laboratory Medicine</p> <p>Local organizer of meeting “Frontiers in Molecular Biology”</p> <p>Meeting Chromatin, epigenome and drug discovery</p> <p>COST ACTION SeqAHEAD: NGS Data Analysis Workshop</p> <p>SLAS 2013, conference and practical course</p>
Technical skills	<p>Cell cultures; flow cytometry; extraction and purification of proteins, RNA and DNA; immunoprecipitation; standard and most recent molecular biological procedures such as RNA interference and chromatin immunoprecipitation (ChIP), microarray analysis, NGS.</p> <p>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.</p>
Additional informations	
Documented International Collaboration	<p>Prof. Henk Stunnenberg (Prinses Máxima Centrum – Research, The Netherland)</p> <p>Prof. Carmen Jeronimo (Instituto Português de Oncologia, Portugal)</p> <p>Prof. Phenix Christopher (University of Saskatchewan, Canada)</p> <p>Dr. Tommaso dei Marchi (Lund University, Sweden)</p>

Prof. Vikram Sharma (University of Plymouth)
 Prof. SAndro Cosconati (Naples, Italy)
 Prof. Christoph Russmann (Göttingen, Germany)
 Prof. Giuseppe Campiani (Siena, Italy)
 Prof. Giuseppe Paolisso (Naples, Italy)

Track Record

h-index: 17
 1218 total citations
 44 articles in ISI peer-reviewed journals
 12 articles as first-author 4 articles as corresponding author
 215 national and international Co-authors

Selected Publications (8/44)

- 1) CBX2 shapes chromatin accessibility promoting AML via p38 MAPK signaling pathway. Del Gaudio, et al. Molecular Cancer, (2022).
- 2) HDAC6 Inhibition Extinguishes Autophagy in Cancer: Recent Insights, Cancers 2021-12-14 | Journal article DOI: 10.3390/cancers13246280
- 3) Benedetti R, et al. Regulatory Interplay between miR-181a-5p and Estrogen Receptor Signaling Cascade in Breast Cancer. Cancers (Basel). 2021 Feb 1;13(3):543.
- 4) Benedetti R, et al. Inhibition of Histone Demethylases LSD1 and UTX Regulates ER α Signaling in Breast Cancer. Cancers (Basel). 2019;11(12):2027.
- 5) Benedetti R, Altucci L. I BET on anti-FGFR to fight cancer resistance. EMBO Mol Med. 2019 Feb;11(2). pii: e10116. doi: 10.15252/emmm.201810116.
- 6) Campiani G, et al, Benedetti R. Design and synthesis of multifunctional microtubule targeting agents endowed with dual pro-apoptotic and anti-autophagic efficacy. Eur J Med Chem. 2022 May 5;235:114274.
- 7) Nebbioso A, Benedetti R, Conte M, Carafa V, De Bellis F, Shaik J, Matarese F, Della Ventura B, Gesuele F, Velotta R, Martens JHA, Stunnenberg HG, Altucci C, Altucci L. Time-resolved analysis of DNA-protein interactions in living cells by UV laser pulses. Sci Rep. 2017 Sep 15;7(1):11725.
- 8) Habibi E, Brinkman AB, Arand J, Kroeze LJ, Kerstens HH, Matarese F, Lepikhov K, Gut M, Brun-Heath I, Hubner NC, Benedetti R, Altucci L, Jansen JH, Walter J, Gut IG, Marks H, Stunnenberg HG. Whole-genome bisulfite sequencing of two distinct interconvertible DNA methylomes of mouse embryonic stem cells. Cell Stem Cell. 2013 Sep 5;13(3):360-9.

The complete list of Publication is available on Scopus Author ID: 31567489500

"According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to processing and use my data provided in this CV",