

CURRICULUM VITAE ANGELO FACCHIANO

PERSONAL INFORMATION

Surname, Name	FACCHIANO, ANGELO
Address	ISA-CNR, VIA ROMA, 64 - 83100, AVELLINO, ITALY
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Website	http://www.cnr.it/people/angelo.facchiano
ORCID/SCOPUS	0000-0002-7077-4912
Nationality	ITALIAN

WORK EXPERIENCE

Period (from – to)	12/2000 - PRESENT
Name of employer	National Research Council of Italy, Institute of Food Sciences (CNR-ISA)
Type of business or sector	Public Research Institution
Occupation or position held	Researcher Senior

Period (from – to)	
Name of employer	
Type of business or sector	
Occupation or position held	

EDUCATION

Period (from – to)	1994-1998
Name and type of organization providing education	Second University of Naples, Italy
Title of qualification awarded	Ph. D. in Cellular Biochemistry
Period (from – to)	1991-1994
Name and type of organization providing education	University of Naples "Federico II"
Title of qualification awarded	Specialist Diploma in Biotechnology (three-years post-lauream course)
Period (from – to)	1984-1991
Name and type of organization providing education	University of Naples "Federico II"
Title of qualification awarded	Laurea (Master Degree) in Chemistry (five-years course)

NATIVE LANGUAGE	ITALIAN
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OTHER LANGUAGES

	ENGLISH
Reading	Good
Writing	Good
Talking	Good

ORGANIZATIONAL CAPACITY
(main)

Member of the Coordination Committee of the Italian node of the European infrastructure ELIXIR (2018-present) and of the General Assembly ELIXIR-IT (2013-present)

Member of the Board of Directors of the Italian Society of Bioinformatics (2010-2016).

Member of the Institute Council of the CNR-ISA (2021-today).

Responsible for the organization of international scientific events and conferences

Member of Editorial Board of international scientific journals (Editor for Special Issues and thematic publications)

PI of nationally and internationally funded projects

**Research
Activities/Projects**
(main)

PI of Operational Unit / Project for ISA-CNR within the Projects:

Projects in progress:

- New diagnostic and therapeutic biomarkers of degenerative diseases (NUTRA-AGE)

- National Research Center in Bioinformatics for Omics Sciences (CNRBioOmics)

- CIR01_00017 - "CNRBioOmics - Strengthening of human capital"

Past projects:

- Interomics (MIUR)

- JPI HDHL Joint Action ENPADASI "European Nutritional Phenotype Assessment and Data Sharing Initiative" (MIUR)

- Early diagnosis of familial and sporadic breast cancer with analysis of the seroproteomic profile - (LILT funding)

- Italy-USA International Program "Oncological Pharmacogenomics" Italy - USA Oncological Proteomics (Min. Health / ISS)

- National Network of Bioinformatics Oncology (Min. Health)

Teaching Activities
(main)

From 2010/11 to today: University of Salerno, Omics Techniques course (in the early years called "Advanced Molecular Biology") for the master's degree in Biology

From 2010/11 to 2011/12: University of Salerno, Computational Biology Laboratory Course for the three-year degree in Biological Sciences

Numerous courses in the form of short cycles of lectures or seminars for PhDs in different universities (Univ. Salerno, Second Univ. Of Naples, Univ. Of Tuscia)

Publications

156 articles in International Scientific Journals (ISI WoS)

8 Chapters in international books

Member of Editorial Board of scientific journals (ISI WoS)

7 patents

Date, December 20th, 2021

Main publications

Full list of publications:

<https://orcid.org/0000-0002-7077-4912>

<https://www.scopus.com/authid/detail.uri?authorId=7006342790>

Giordano D, De Masi L, Argenio MA, Facchiano A. (2021)

Structural Dissection of Viral Spike-Protein Binding of SARS-CoV-2 and SARS-CoV-1 to the Human Angiotensin-Converting Enzyme 2 (ACE2) as Cellular Receptor.

Biomedicines, 9(8):1038. doi:10.3390/biomedicines9081038.

Marabotti A, Scafuri B, Facchiano A. (2020)

Predicting the stability of mutant proteins by computational approaches: an overview.

Brief Bioinform. 2020 Jun 3;bbaa074. doi: 10.1093/bib/bbaa074.

Scafuri B, Bontempo P, Altucci L, De Masi L, Facchiano A. (2020)

Molecular Docking Simulations on Histone Deacetylases (HDAC)-1 and -2 to Investigate the Flavone Binding.

Biomedicines 2020 Dec 4;8(12):E568. doi: 10.3390/biomedicines8120568.

Scafuri B, Marabotti A, Carbone V, Minasi P, Dotolo S, Facchiano A. (2016)

A theoretical study on predicted protein targets of apple polyphenols and possible mechanisms of chemoprevention in colorectal cancer.

Sci Rep. 2016 Sep 2;6:32516. doi: 10.1038/srep32516.

Marabotti A. and Facchiano A.M. (2005)

Homology modelling studies on human galactose-1-phosphate uridylyltransferase and on its galactosemia-related mutant Q188R provide an explanation of molecular effects of the mutation on homo- and heterodimers.

J. Med. Chem., 48, 773-779.