

INTERESTS

1. Structure-function relationships of enzymes (ribotoxins from fungi, ribosome inactivating proteins, ribonucleases, chitinases etc).
2. Developments of methodologies for: i) isolation of peptides and proteins; ii) primary structure determination of peptides and proteins by Edman degradation and mass spectrometry; iii) proteomics analysis.
3. Food quality [Development of methods for: i) the isolation of proteins and peptides, ii) determination of free and total amino acids iii) analysis of proteins, lipids and total polyphenols].

CURRENT POSITION

Associate Professor (SSD BIO/10-Biochemistry) at the Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, University of Campania "L. Vanvitelli" and Chair of Biochemistry

ERC DISCIPLINARY DOMAINS

LS1_2 General biochemistry and metabolism

LS2_10 Bioinformatics

LS9_1 Genetic engineering, transgenic organisms, recombinant proteins, biosensors

SCIENTIFIC PRODUCTION AND IMPACT 137 articles

in ISI peer-reviewed journals H-index: 28

2172 total citations

PUBLICATIONS

139 articles in scientific journals, including: J Agric Food Chem, FEBS Lett., Planta, J. Mass Spectrom, Gene, J Biotechnol., Protein Science, Biological Chemistry, Proteins, Phytochemistry, Proteomics, J Proteome Res, J Biol Chem, Molecular Biosystem, Biochimie, Food Chemistry etc.

EDITORIAL BOARD

- Editorial board member of Protein & Peptide Letters.
- Academic editor of Journal of Food Quality.

SOCIETIES

Societies: Member of Italian Society of Biochemistry and Molecular Biology.

ACADEMIC CAREER

2016 - Associate professor at the University of Campania "L. Vanvitelli" (DiTSABiF)

2006 - Senior researcher at the Second University of Naples (Faculty of Science of Mathematical Physics and Natural)

2002 - Researcher at the Second University in Naples (Faculty of Science of Mathematical Physics and Natural)

2000 - Research Assistant at the Department of Organic and Biological Chemistry, University of Naples "Frederico II"

1999 - PhD in "Sistematica Molecolare"

1998 - Fellowship from the National Research Council, Italy (CNR).

1994 - Degree Summa cum laude in Biological Sciences