

PERSONAL INFORMATION



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Date of birth 25/06/1966 | Nationality Italian

CURRENT POSITION

Associate Professor, Pharmaceutical Chemistry, Department of Pharmacy - University of Naples Federico II.

Member of the International Committee of the Department of Pharmacy.

Responsible for LLP/Erasmus Plus Bilateral Agreements with Faculty of Pharmacy of Granada, Valencia, Madrid (University Alfonso X El Sabio), Murcia, Alcala, and with IDAEA – Barcelona (Erasmus traineeship).

President of the Committee for Teaching Activity of the Bachelor Degree in Quality Control (Department of Pharmacy).

Holder of the Chair for the following teaching courses:

- Analytical Chemistry and Drug Analysis Laboratory (Bachelor Degree in Quality Control);
- Food for special diet: nutritional aspects (Postgraduate School of Hospital Pharmacy).

e-learning “Federica” project :

<http://www.federica.unina.it/corsi/chimica-ed-analisi-di-alimenti-e-nutraceutici/>

WORK EXPERIENCE

	Position held
November 1999 – December 2004	Researcher at Department of Toxicological and Pharmaceutical Chemistry - University of Naples Federico II
February 1999 – November 1999	Research assistant at the Department of Pharmaceutical Sciences – University of Salerno
January 1997 – February 1999	Postdoctoral fellowship at Department of Pharmaceutical Sciences – University of Salerno
December 1995 – January 1997	Research assistant at the Department of Pharmaceutical Sciences – University of Salerno
September 1994 December 1995	-Research assistant at the Department of Chemistry - University of Naples Federico II

Organisational / managerial competences

February 2015	Chairman of the Committee for the final exam for the degree of Doctor of Philosophy – Doctorate School of Chemical Sciences and Technologies – University of Sassari
2010	Chairman of the Committee of the Vocational Guidance to University Studies for the students of the Bachelor Degree in Quality Control
2008 – 2013	Member of the Teaching Board of the International Ph.D. School in Chemistry, Toxicology and Safety of Foods – University of Perugia.
2005 -2014	Responsible of the internships for the students of the Bachelor Degree in Quality Control (specialising in Food and Nutraceuticals).
2005 – 2013	Member of the Teaching Board of the Ph.D. School in Computational Biology – Second University of Naples

Teaching experience

2007/08	Clinical Dietetic and Nutrition
2005/06 – 2011/12	Food Chemistry and Food and Nutraceutical Analysis
2004/05	Food Chemistry
2000/01 – 2006/07	Drug Biopharmaceutical Features and Drug Metabolism
2000/01	Pharmaceutical Biotechnologies

Visiting Professor within the LLP/Erasmus Program:

University of Granada (September 2014)

University of Sevilla (May 2011)

University of Valencia (November 2009)

Meetings, Conferences and Invited Lectures

September 2014: lecture at ECM workshop “The endocrine disruptor risks for the human health and prevention by the food safety” - “Zooprofilattico Sperimentale” Institute of South Italy – Portici (Naples).

June 2012: Invited professor at University of Valencia - Seminar “Preparations for artificial nutrition: indications, composition and quality control” - Master in Quality and Food Safety.

EDUCATION AND TRAINING

July 1994

University of Naples Federico II
Ph.D in “Chemistry of Natural Products”

March 1990

University of Naples Federico II
Degree in Pharmaceutical Chemistry and Technologies.

RESEARCH FIELD

Current:

- food chemical composition studies to detect nutraceuticals and xenobiotics;
- setting-up and validation, according to the official guidelines, of new methods for the extraction, purification and quantitative determination of analytes from different matrices, prevalently food matrices.

Previous:

- structural studies on pharmacologically active synthetic molecules, particularly peptides;
- extraction and structure determination of new biologically active molecules from marine sponges

GRANTS & FUNDINGS Scientific responsible for two projects funded by the Campania region (Italy):

- "Conformational studies on synthetic fragments of the α subunit of G proteins coupled to A2a receptors" (Independent Projects - Year 1999 - L.R. 41/94 - art.3, 2° comma);

- "Design, synthesis, and conformational studies of the human Urotensin-II receptor ligands" (Independent Projects – Year 2000 - L.R. 41/94 - art.3, 2° comma).

Research unity scientific responsible for the project: "Food and environmental safety: the problem of the endocrine disruptors" funded by Italian Health Department (Oriented Research Projects 2009) - Project code: RF-2009-1536185

**LANGUAGE
COMPETENCES**

English (B2 level)
Spanish (B2 level)
French (basic user level)

COMPUTER SKILLS Good command of Microsoft Office™ tools

Publications:

1. Albrizio S., Ciminiello P., Fattorusso E., Magno S., Mangoni A., Pansini M..
Linear diterpenes from the Caribbean sponge *Myrmekioderma styx*.
J. Nat. Prod., 1992, 55, 1278-1293.
2. Albrizio S., Ciminiello P., Fattorusso E., Magno S., Ialenti A., Di Rosa M.
Two bioactive linear diterpene diols from the sponge *Myrmekioderma styx*.
Zeit. Natur. sect. B., 1993, 48, 488-492.
3. Albrizio S., Ciminiello P., Fattorusso E., Magno S., M. Pansini.
Chemistry of Verongida sponges. I. Constituents of the Caribbean Sponge *Pseudoceratina crassa*.
Tetrahedron, 1994, 50, 783-788.
4. Albrizio S., Ciminiello P., Fattorusso E., Magno S., Pawlik J..
Amphitoxin, a new high molecular weight antifeedant pyridinium salt, from the Caribbean sponge *Amphimedon compressa*.
J. Nat. Prod., 1995, 58, 647-652.
5. Caliendo G., Greco G., Grieco P., Perissutti E., Santagada V., Ialenti A. Maffia P., Albrizio S., Santini A..
Synthesis and antinociceptive Activity of Peptides Related to Interleukin-1 β ¹⁹³⁻¹⁹⁵ Lys-Pro-Thr. *Biopolymers*, 1996, 40, 479-484.

6. Caliendo G., Fiorino F., Grieco P., Perissutti E., Santagada V., Calignano A., Mancuso F., Albrizio S.
Synthesis and *in vitro* activities of NK-1 antagonists derived from L-Tryptophan.
Il Farmaco, 1997, 52, 1-5.
7. Caliendo G., Fiorino F., Grieco P., Perissutti E., Ramunno A., Santagada V., Albrizio S., Califano D., Giuliano A., Santelli G..
Phenol derived CVFM analogs inhibitors of ras farnesyl transferase possessing cellular *in vitro* activity.
European Journal of Medicinal Chemistry, 1998, 33, 725-732.
8. Caliendo G., Grieco P., Perissutti E., Santagada V., Santini A., Albrizio S., Fattorusso C., Pinto A., Sorrentino R..
Synthesis, biological activity and conformational study of 1,4-benzoxazine derivatives as potassium channel modulators.
Eur. J. Med. Chem., 1998, 3, 957-967.
9. Caliendo G., Fiorino F., Grieco P., Perissutti E., Albrizio S., Albrizio S., Giordano M., Santagada V., Santini A..
X-ray Structural Analysis of Ethyl [2,2-dimethyl-6-(Δ^2 -thiazolin-2-yl)-4H-1,4-benzoxazin-3-one-4-yl]butyrate.
Structural Chemistry, 1998, 9, 121-127.
10. D'Ursi A. M., Albrizio S., Tancredi T., Temussi P. A..
Environmental constraints in the study of flexible segments of proteins.
Journal of Biomolecular NMR, 1998, 11, 415-422.
11. Caliendo G., Fiorino F., Grieco P., Perissutti E., Santagada V., Albrizio S., Spadola L., Bruni G., Romeo M. R..
Synthesis and Binding Affinities for 5-HT_{1A}, 5-HT_{2A} and 5-HT_{2C} receptors of a series of 1- and 2-(4-arylpiperazinylalkyl)-4-(benzoyl)-1,2,3-triazole derivatives.
Eur. J. Med. Chem., 1999, 34, 719-727.
12. D'Ursi A. M., Albrizio S., Fattorusso C., La Vecchia A., Canotti G., Temussi P. A..
Solution Conformation of a Potent Cyclic Analog of Tuftsin. A Low Temperature NMR Study in a Cryoprotective Mixture.
Journal of Medicinal Chemistry, 1999, 42, 1705-1713.
13. Albrizio S., D'Ursi A. M., Greco G., Mazzoni M. R., Novellino E., Rovero P..
Conformational studies on three Synthetic C-Terminal Fragments of the α -subunit of a G_s protein. In *Peptides for the New Millennium*, Proc. Am Pept. Symp., 16th, G.B. Fields, J.P. Tam and G. Barany, Eds., Kluwer Academic Publishers, Dordrecht, The Netherlands, pp. 523-524, 2000.
14. Albrizio S., D'Ursi A. M., Fattorusso C., Galoppini C., Greco G., Mazzoni M. R., Novellino E., Rovero P..
Conformational Studies on a Synthetic C-Terminal Fragment of a G_s Protein α -Subunit Coupled with A_{2a} Adenosine Receptor.
Biopolymers, 2000, 54, 186-194.
15. Mazzoni M. R., Taddei S., Giusti L., Rovero P., Galoppini C., D'Ursi A. M., Albrizio S., Triolo A., Novellino E., Greco G., Lucacchini A..
A G α_s Carboxyl-Terminal Peptide Prevents G_s Activation by the A_{2A} Adenosine Receptor.
Molecular Pharmacology, 2000, 58, 226-236.

16. Di Fenza, A., Albrizio, S., D'Ursi A., Rovero, P., Picone D.
PrRP20 in SDS micelle solution.
In: *Peptides: the wave of the future*. Michal Lebl and Richard A. Houghten Eds. American Peptide Society pp. 314-315, 2001.
17. Albrizio S., Carotenuto A., Fattorusso C., Moroder L., Picone D., Temussi P. A., D'Ursi A. M..
Environmental Mimic of Receptor Interaction: Conformational Analysis of CCK-15 in Solution.
J. Med. Chem, 2002, 45, 762-769.
18. D'Ursi A. M., Albrizio S., Greco G., Mazzeo S., Mazzoni M. R., Novellino E., Rovero P.
Conformational Analysis of the C-Terminal 15-Residue Fragment of the $G\alpha_s$ Protein.
Journal of Peptide Science, 2002, 8, 476-488.
19. D'Ursi A. M., Albrizio S., Picone D., Di Fenza A., Carotenuto A., Novellino E., Rovero P.
Structural Studies on Hgr3 Orphan Receptor Ligand Prolactin-Releasing Peptide.
J. Med. Chem, 2002, 45, 5483-5491.
20. P. Grieco, S. Albrizio A. M. D'Ursi, L. Giusti, M. R. Mazzoni, E. Novellino, P. Rovero.
A structure – activity relationship study on position –2 of the $G\alpha_s$ C-terminal peptide able to inhibit Gs activation by A_{2A} adenosine receptor.
Eur. J. Med. Chem., 2003, 38, 17-18.
21. Albrizio, Stefania; Caliendo, Gabriella; D'Errico, Gerardino; Novellino, Ettore; Rovero, Paolo; D'Ursi, Anna Maria.
 $G\alpha_s$ protein C-terminal α –helix at the interface: Does the plasma membrane play a critical role in the $G\alpha_s$ protein functionality?
Journal of Peptide Science 2005, 11, 617-626.
22. Fierro, O., Albrizio, S., Carotenuto, A., Caliendo, G., Guarino, D., Grieco, P., Campiglia, P., Lama, T., Novellino, E.
Design, Synthesis and Evaluation of Gluten Peptides Analogs as Selective Inhibitors of Human TG2.
In *Understanding Biology using Peptides Proceedings of 19th American Peptide Symposium*, American Peptide Society 2005, Sylvie E. Blondelle Editor.
23. D'Ursi, Anna Maria; Giusti, Laura; Albrizio, Stefania; Porchia, Francesca; Esposito, Cinzia; Caliendo, Gabriella; Gargini, Claudia; Novellino, Ettore; Lucacchini, Antonio; Rovero, Paolo; Mazzoni, Maria Rosa.
A membrane-permeable peptide containing the last 21 residues of the $G\alpha_s$ carboxyl terminus inhibits Gs-coupled receptor signaling in intact cells: correlations between peptide structure and biological activity.
Molecular Pharmacology 2006, 69, 727-736.
24. Paolo Grieco, Stefania Albrizio, Alfonso Carotenuto, Gabriella Caliendo, Pietro Campiglia, Daniela Guarino, Olga Fierro, Teresa Lama, Ettore Novellino.
Structural Studies of Gluten-Peptide Analogs.
In *Proceedings of 29th European Peptide Symposium*, European Peptide Society 2006, paper number 0275

25. Albrizio, Stefania; Giusti, Laura; D'Errico, Gerardino; Esposito, Cinzia; Porchia, Francesca; Caliendo, Gabriella; Novellino, Ettore; Mazzoni, Maria R.; Rovero, Paolo; D'Ursi, Anna M.
Driving Forces in the Delivery of Penetratin Conjugated G Protein Fragment.
Journal of Medicinal Chemistry 2007, *50*, 1458-1464.
26. Rosati, O.; Albrizio, S.; Montesano, D.; Ricciari, R.; Cossignani, L.; Curini, M.; Simonetti, M. S.; Rastrelli, L.; Damiani, P.
HPLC separation and NMR structural elucidation of sn-1,2-, 2,3-, and 1,3-diacylglycerols from olive oil as naphthylethylurethane derivatives.
Journal of Agricultural and Food Chemistry 2007, *55*, 191-196.
27. D'Ursi, Annamaria; Caliendo, Giuseppe; Perissutti, Elisa; Santagada, Vincenzo; Severino, Beatrice; Albrizio, Stefania; Bifulco, Giuseppe; Spisani, Susanna; Temussi, Piero A.
Conformation-activity relationship of peptide T and new pseudocyclic hexapeptide analogs.
Journal of Peptide Science 2007, *13*, 413-421.
28. Lucia Grumetto, Domenico Montesano, Serenella Seccia, Stefania Albrizio and Francesco Barbato
Determination of Bisphenol A and Bisphenol B Residues in Canned Peeled Tomatoes by Reversed-Phase Liquid Chromatography
J. Agric. Food Chem. 2008, *56*, 10633–10637
29. Domenico Montesano, Stefania Albrizio, Paola Fidente, Serenella Seccia
Development and validation of a solid-phase extraction method coupled to high-performance liquid chromatography with ultraviolet-diode array detection for the determination of sulfonylurea herbicide residues in bovine milk samples
Journal of Chromatography 2011, *1218*, 1253–125
29. Oriella Gennari, Domenico Montesano, Antonio Salzano, Stefania Albrizio, Lucia Grumetto.
Determination of dimethyl fumarate in desiccant and antimould sachets by reversed-phase liquid chromatography.
Biomedical Chromatography 2011, *25*, 1318, doi: 10.1002/bmc.1602
31. O. Gennari, S. Albrizio, M. Monteiro.
A GC–FID Method to Determine Styrene in Polystyrene Glasses.
Food Analytical Methods 2012, *5*, 1411-1418, doi: 10.1007/s12161-012-9395-5
32. Domenico Montesano, Oriella Gennari, Serenella Seccia, Stefania Albrizio.
A Simple and Selective Analytical Procedure for the Extraction and Quantification of Lutein from Tomato By-Products by HPLC–DAD.
Food Analytical Methods 2012, *5*, 710-715, doi: 10.1007/s12161-011-9305-
33. Lucia Grumetto, Oriella Gennari, Domenico Montesano, Rosalia Ferracane, Alberto Ritieni, Stefania Albrizio*, Francesco Barbato.
Determination of five Bisphenols in Commercial Milk Samples by liquid chromatography coupled to fluorescence detection.
Journal of Food Protection, 2013, *76*, 1590-1596.

34. A. Brancaccio, P. Maresca, S. Albrizio, M. Fattore, M. Cozzolino, S. Seccia.
Development and validation of a diode array high performance liquid chromatography method to determine seized street cocaine samples purity.
Analytical Methods, 2013, 5, 2584
35. Domenico Montesano, Oriella Gennari, Carmen Festa, Franco Zollo, Serenella Seccia, Stefania Albrizio.
A Simple HPLC-DAD Method for the Analysis of Melamine in Protein Supplements: Validation Using the Accuracy Profiles.
Journal of Chemistry, 2013, 2013, Article ID 239342, 7 pages
<http://dx.doi.org/10.1155/2013/239342>
36. Yelko Rodríguez-Carrasco; Margherita Fattore; Stefania Albrizio; Houda Berrada; Jordi Mañes.
Occurrence of Fusarium mycotoxins and their dietary intake through beer consumption by the European population.
Food Chemistry, 2015, 178, 149–155
37. Lucia Grumetto, Margherita Fattore, Giacomo Russo, Francesco Barbato, Stefania Albrizio.
Monitoring of bisphenols in canned tuna fish in Italian markets.
Food Chemical and Toxicology, accepted for the publication, ID number FCT-D-14-02109.