

CURRICULUM VITAE

ALESSANDRA RUSSO

EDUCATION/TRAINING

- 09-04-1990: DOCTOR in Pharmacy. Thesis: "Strategies for the prevention of cerebral ischemia: effect of molecules with antioxidant activity"
- 23-10-1995: PhD in Physiopathology of the Peripheral Nervous System. PhD thesis "Antioxidant systems and markers of oxidative stress in the retina and lens of rats during aging".

POSITION

- 03-03-1999-2005: **Researcher** for the scientific-disciplinary group BIO/15 (Pharmaceutical Biology), Faculty of Pharmacy, University of Catania.
- November 28, 2005-2015: **Associate Professor**, scientific-disciplinary group BIO/15 (Pharmaceutical Biology), Department of Pharmaceutical Sciences, University of Catania.
- 28 December 2015-to date: **Associate Professor**, sector 05/G1-Pharmacology, Clinical Pharmacology and Pharmacognosy, scientific-disciplinary group BIO/14 (Pharmacology) Department of Pharmaceutical Sciences, University of Catania.

INSTITUTIONAL ASSIGNMENTS

- A.A. 2008/2009-A.A. 2015/2016: PRESIDENT ELECT COURSE: A.A. 2008/2009: CdS Herbal Sciences (D.M. 509/99), A.A. 2010/2011-2012/2013: CdS Herbal Sciences and Nutraceutical Products (D.M. 270/04), A.A. 2013/2014-2015/2016: CdS Applied Pharmaceutical Sciences (D.M. 730), University of Catania.

SERVICE ACTIVITIES

- 01-02-2013-to date: Member of the Joint Teachers-Students Commission, Department of Pharmaceutical Sciences, University of Catania
- ECTS (European Credit Transfer System) Delegate, Faculty of Pharmacy, University of Catania (from 1/11/2003 to 10/31/2005).
- Member of the AQ Management Group for the Course of Studies in Applied Pharmaceutical Sciences, Department of Pharmaceutical Sciences, University of Catania (from 21/02/2013 to 31/10/2016).
- Responsible for the annual review for the Course of Studies in Applied Pharmaceutical Sciences, Department of Pharmaceutical Sciences, University of Catania (from 21/02/2013 to 31/10/2016).
- Member of the Commission for the revision of the Study Plan of the Master's Degree Course in Pharmacy.

TEACHING ACTIVITY

A.A. 1999-present: **Professor of Pharmacognosy** (Catania University)

Tacher in Postgraduate and Master's Courses

- A.A. 2002/2003: Teacher of the 6th Postgraduate Course in Medicinal Plants (University of Naples Federico II).
- A.A. 2002/2003: Teacher of the MOVAIMA Master (Monitoring and Evaluation of the Environmental Impact in Agri-food Companies).
- A.A. 2012/2013: Professor of the II level Master in Plant Products for Human Health: Production and Quality Control of Phytotherapeutic, Phytocosmetic, Phyto-Homeopathic and Dietetic-Nutritional Products.

PhD COURSE

- Member of the Academic Board of the PhD Course in "Biochemical and Biomolecular Sciences", University of Catania (16th Cycle, A.Y. 2003/2004 - 24th Cycle 2008/2009).
- Member of the Academic Board of the International PhD Course in "Neuropharmacology", University of Catania (26th cycle, A.Y. 2010 / 2011 - 28th cycle, A.Y. 2012/2013).
- Member of the Academic Board of the International PhD Course in "Neuroscience", University of Catania (29th cycle A.Y. 2013/2014 - 35th cycle A.Y. 2019/2020).

AFFILIATION AND ACTIVITIES IN SCIENTIFIC SOCIETIES

- 2002 to date: Ordinary Member of the Italian Society of Pharmacognosy (SIPHAR)
- 2005 to present: Ordinary member of the Society for Medicinal Plant and Natural Product Research (GA)
- 2007-2010: Director elected for the three-year period 2007-2010, Board of Directors of the Italian Society of Pharmacognosy (SIPHAR)
- 2011-2017: Director elected for the three-year period 2010-2013, Board of Directors of the Italian Society of Pharmacognosy (SIPHAR)
- 2012 to date: Ordinary Member of the Italian Society of Pharmacology (SIF) and Member of the Pharmacognosy Working Group of the Italian Society of Pharmacology (SIF)
- 2015-2017 Member of the restricted Board of the Pharmacognosy Working Group of the Italian Society of Pharmacology (SIF)
- 2018 to date: President elected for the three-year period 2018-2021 of the Italian Society of Pharmacognosy (SIPHAR)
- 2018 to present: Member of the restricted Board of the Pharmacognosy, Phytotherapy and Nutraceuticals working group.
- 2005 to date: Ordinary member of the Italo-Latin American Society of Ethnomedicine (SILAE).

EDITORIAL ACTIVITY

- 2002-Guest Editor of the journal: PHYTOTHERAPY, Volume 73, suppl 1, 2002
- 2016-Associate Guest Editor of the Evidence-Based Complementary and Alternative Medicine journal, Special issue
- 2019-Editorial Board Member of the journal: Journal of Clinical Oncology and Cancer Therapy
- 2019-Editorial Board Member of the journal: Journal of Analytical Oncology

"INVITED REFEREE" FOR INTERNATIONAL SCIENTIFIC JOURNALS:

European Journal of Pharmacology, Life Sciences, Phytotherapy Research, Journal of Pharmacy and Pharmacology, Fundamental & Clinical Pharmacology, Fitoterapia, Journal of Ethnopharmacology, Phytomedicine, Phytochemistry, Planta Medica, Toxicology in Vitro, Evidence Based Complementary and Alternative Medicine, Natural Product Research, Cell Biology and Toxicology, Natural Product Communications, Food and Chemical Toxicology, Acta Pharmacologica Sinica, Journal of Herbs Spices and Medicinal Plants, Experimental Biology and Medicine, Expert Opinion on Drug Discovery, Current Drug Therapy, Journal of Pharmaceutical and Biomedical Analysis, Genetic Toxicology and Environmental Mutagenesis, Cancer Research, Cancer Letters, BMC Cancer, Journal of Cellular and Molecular Medicine, European Journal of Clinical Nutrition, Critical Reviews in Food Science and Nutrition, Journal of Food Biochemistry, Mutation Research, Cell Proliferation, PLoS ONE, Molecules, Industrial Crops and Products, Journal of Food Science and Technology, Molecular and Cellular Biochemistry, Cytotechnology, British Journal of Pharmaceutical Research, Process Biochemistry, Cell Biology International, International Journal of Radiation Biology, Biochimica et Biophysica Acta, Medicinal Research Reviews, Biomedicine & Biotechnology, International Journal of Biochemistry & Cell Biology, Pharmazie, American Journal of Kidney Disease, Advances in Urology, Indian Journal Cancer, Asian Journal of Andrology, Rejuvenation Research, Chromatographia, South African Journal of Botany, Pharmaceutical Biology, Antioxidants.

RESEARCH ACTIVITY

The research activity carried out by Prof. Alessandra Russo documented by **94** articles published in international journals, **H-index 38**, **Citations 4112** (Source Scopus) and **111** communications to National and International Congresses, concerns the following topics:

- Cerebral ischemia: prevention and therapy
- Apoptosis and stress proteins
- Characterization of action mechanisms of herbal drugs used in traditional medicine and study of potential health and therapeutic applications of plant-derived compounds

COMPONENT OF NATIONAL AND INTERNATIONAL RESEARCH PROJECTS admitted to funding on the basis of competitive tenders that provide for peer review .

13-06-2019 to date: COMPONENT OF THE RESEARCH CENTER Molecular Preclinical and Translational Imaging Research Center - (IMPRonTE)

NATIONAL AND INTERNATIONAL COLLABORATIONS

- Dipartimento di Chimica, Università T.F. Santa Maria, Valparaiso, Cile
- Centro di Biotecnologia "D. Alkalay L.", Università T.F. Santa Maria, Valparaiso, Cile
- Dipartimento di Chimica, Facoltà di Scienze Naturali ed Esatte, Università di Playa Ancha, Valparaiso, Cile
- Faculté des Sciences Agronomiques, Université Saint Esprit, Kaslik, Beyrouth, Lebanona.
- Department Medicine Traditionelle (DMT), Bamako, Mali
- Dipartimento di Farmacologia Sperimentale, Università di Napoli, 'Federico II', Napoli
- Dipartimento di Scienze Ambientali e della Vita, Università del Piemonte Orientale "A. Avogadro" Alessandria
- Dipartimento di Scienze Farmaceutiche, Università di Salerno, Salerno; Dipartimento di Chimica Bioorganica e Biofarmacia, Università di Pisa, Pisa;
- Dipartimento di Chimica dei Composti Naturali, Università di Napoli, 'Federico II', Napoli
- Dipartimento di Scienze Molecolari e Biomolecolari e Tecnologie, Università di Palermo, Palermo

CONGRESS AND SEMINAR ACTIVITIES

Member of the Scientific Committee and Organizer of National and International Conferences

Speaker at National and International Conferences

- 2007: Visiting Professor at the Department of Chemistry, University of T.F. Santa Maria, Valparaiso, Chile.
- 2008: Visiting Professor at the Department of Chemistry, University of T.F. Santa Maria, Valparaiso, Chile.