

### PERSONAL INFORMATION

Anna Maria Serrilli

### WORK EXPERIENCE

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March 2019- Present

#### Quality Assessor senior

AIFA -Agenzia Italiana del Farmaco (Italy)

Post Authorization Procedures Office

Medicinal Products Authorization Department

- Assessment of renewal, type I and type II variations according national and community procedures for Human Medicinal Products.

- Regulatory activities in the field of Herbal Medicinal Product and Homeopathic Human Medicinal Products

April 2017-February 2019

#### Safety assessor

AIFA -Agenzia Italiana del Farmaco (Italy)

Post Authorization Procedures Office

Medicinal Products Authorization Department

- Assessment of renewal, type I and type II variations according national and community procedures for Human Medicinal Products.

- Regulatory activities in the field of Herbal Medicinal Product and Homeopathic Human Medicinal Products

October 2011-April 2017

#### Quality assessor

AIFA -Agenzia Italiana del Farmaco (Italy)

Evaluation and Registration Area

Post Approval

- Assessment of CTD according national and community procedures for Herbal Medicinal Products.

- Assessment of ASMF and application for type I and type II variations according national and community procedures for Human Medicinal Products.

- Regulatory activities in the field of Herbal Medicinal Product and Homeopathic Human Medicinal Products

April 2009-March 2010

#### Research grant

Chemistry Department, Sapienza Università di Roma (Italy)

Oleuropein Biogenesis

October 2008-March 2009

#### Fellowship

Chemistry Department, Sapienza Università di Roma (Italy)

Phytochemical characterization of rare and endemic plant species of the Majella Natural Park

December 2007-November 2008

#### collaboration contract

Co.S.Me.Se - (Interacademic Union for studying of natural secondary metabolites)

Sapienza Università di Roma and Università di Cagliari (Italy)

Extraction, isolation and identification of secondary metabolites on Sardinian plants

October 2003-October 2004

#### coordinated and continuous collaboration (Co.Co.Co)

Plant Biology Department, Sapienza Università di Roma (Italy)

Extraction, isolation and identification of secondary metabolites on medicinal plants

### EDUCATION AND TRAINING

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| January 2017-July 2017     | <b>Postgraduate (second level) Master Degree</b><br>Sapienza Università di Roma (Italy)<br>Chemistry of Natural Products   |
| July 2010-                 | <b>course attendance</b><br>Sapienza Università di Roma (Italy)<br>Attendance of the course of Pharmacy in developing countries within Master in Organic Natural Compounds (Roma 5-10 July 2010)   |
| November 2009-May 2010     | <b>traineeship</b><br>AIFA - Agenzia Italiana del Farmaco (Italy)<br>Training in regulatory affairs and evaluation of quality aspects of Human Medicinal Products.   |
| November 2004-October 2007 | <b>PhD degree in Botanical Sciences</b><br>Sapienza Università di Roma, Chemical and Plant Biology Departments (Italy)<br>Dissertation on botanical pharmaceutical, title: "Olea europæa L., study of polar secondary metabolites in native cultivar, new selection and cells culture" |
| July 2003-                 | <b>Italian Professional Qualification in Pharmacist</b><br>Sapienza Università di Roma (Italy)   |
| March 2003-                | <b>Master degree in Pharmacy</b><br>Sapienza Università di Roma (Italy)<br>Dissertation on botanical pharmaceutical  |

## ADDITIONAL INFORMATION

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| <b>Expertise</b>    | University research work (2003-2010) in the field of chemistry of natural products (extraction of medicinal plant, purification of the extracts and characterization of the isolated compounds by NMR, IR, UV-vis spectroscopy and mass spectrometry). Since 2011, Dr. Serrilli has been a quality assessor at the Italian Medicines Agency (Evaluation and Registration Office), where she evaluates the quality aspects of API and finished product for Human Medicinal Products within national and mutual recognition procedures, specifically type I and type II variations. Since November 2012 she assesses also the national and mutual recognition procedures of Herbal medicinal products registration and authorisation. She has been also involved in regulatory activities in the field of Homeopathic Medicinal Products. From October 2012 until December 2014 she is the alternate Italian member of HMPWG. Since November 2013 she is the alternate Italian member of HMPC. Since May 2015 she is the Italian member of HMPWG.   |
| <b>Publications</b> | <p>-A.M. Serrilli, A. Maggi, V. Casagrande, A. Bianco. Synthesis of deuterium-labelled substrates for the study of oleuropein biosynthesis in <i>Olea europaea</i> callus cultures. <i>Natural Product Research</i>, 2016, 30 (8), 926-934.</p> <p>-V. Carito, A. Venditti, A. Bianco, M. Ceccanti, A. M. Serrilli, G. Chaldakov, L. Tarani, S. De Nicolò, M. Fiore. Effects of olive leaf polyphenols on male mouse brain NGF, BDNF and their receptors TrkA, TrkB and p75. <i>28</i>, 2014 (22), 1970-1984.</p> <p>-Venditti, F. Maggi, S. Vittori, F. Papa, A. M. Serrilli, M. Di Cecco, G. Ciaschetti, M. Madrone, F. Poli, A. Bianco. Volatile compounds from <i>Achillea tenorii</i> (Grande) growing in the Majella National Park (Italy). 2014, 28 (20), 1699-1704.</p> <p>-A.M. Serrilli, G. Frasca, L. Rizza, F. P. Bonina, A. Bianco. Nocellaralactone, a new monoterpenoid with anti-inflammatory activity, from <i>Olea europaea</i> L., cultivar Nocellara del Belice. 2013, 27 (24), 2311-2319.</p> <p>-Venditti, A.M. Serrilli, A. Bianco. Iridoids from <i>Bellardia trixago</i> (L.) All. <i>Natural Product Research</i>, 2013, 27 (15), 1413-1416.</p> <p>-Venditti, A. M. Serrilli, A. Bianco. A new flavonoid and other polar compounds from <i>Galeopsis angustifolia</i> Ehrh. ex Hoffm. 2013, 27 (4-5), 412-416.</p> <p>-Venditti, A. M. Serrilli, L. Rizza, G. Frasca, V. Cardile, F. P. Bonina, A. Bianco. Aromadendrine, a new component of the flavonoid pattern of <i>Olea europaea</i> L. and its anti-inflammatory activity. 2013, 27 (4-5), 340-349.</p> <p>- A. Venditti, A. M. Serrilli, M. Di Cecco, G. Ciaschetti, T. Andrisano, A. Bianco. Phytochemical composition of polar fraction of <i>Stachys germanica</i> L. subsp. <i>salviifolia</i> (Ten.) Gams, a typical plant of Majella National Park. <i>Journal: Natural Product Research</i>, 2013, 27 (2), 190-193.</p> |

- A. Venditti, A.M. Serrilli, M. Di Cecco, G. Ciaschetti, T. Andrisano, A. Bianco, Phytochemical analysis of *Plantago sempervirens* from Majella National Park, *Natural Product Research.*, 2012, 26 (21), 2035-39.
- Casagrande V., Salvati E., Alvino A., Bianco A., Ciammaichella A., D'Angelo C., Ginnari-Satriani L., Serrilli A.M., Iachettini S., Leonetti C., Neidle S., Ortaggi G., Porru M., Rizzo A., Franceschin M., Biroccio A. "N-cyclic bay-substituted perylene G-quadruplex ligands have selective antiproliferative effects on cancer cells and induce telomere damage" *J. Med. Chem.* 2010, *J. Med. Chem.*, 2010, 54 (5), 1140-56.
- M. Ballero, C. Foddìs, P. Scartezzini, F. Poli, V. Petitto, M. Serafini, A. Stanzione, A. Bianco, A.M. Serrilli, L. Spina, R. Longoni and S. Kasture, "Pharmacological Activities on *Ephedra nebrodensis* Tineo", *Natural Products Research.*, 2010, 24 (12), 1115-1124.
- A.M. Serrilli, V. Graziosi, M. Ballero, C. Foddìs, M. Serafini, F. Poli, P. Scartezzini, A. Bianco, "Endemic Sardinian Plants. The case of *Genista cadasonensis* Valsecchi", *Natural Products Research.*, 2010, 24 (10), 942-947.
- A.M. Serrilli, V. Sanfilippo, M. Ballero, C. Sanna, F. Poli, P. Scartezzini, M. Serafini, A. Bianco, "Polar and antioxidant fraction of *Plumbago europaea* L., a spontaneous plant of Sardinia island", *Natural Products Research.*, 2010, 24 (7), 633-639.
- Ragno, R.; Sivric, S.; Sartorelli, G.; Serrilli, A.; Vavala, E.; Angiolella, L. "In vitro activity of essential oil of *Myrtus communis* L. against *Candida albicans*. Comments." *International Journal of Essential Oil Therapeutics*, 2008, 2(4), 156.
- G. Mazzanti, L. Battinelli, C. Pompeo, A.M. Serrilli, R. Rossi, I. Sauzullo, F. Mengoni, V. Vullo, "Inhibitory activity of *Melissa officinalis* L. extract on Herpes simplex virus type 2 replication", *Natural Products Research.*, 2008, 22 (16), 1433-1440.
- . L. Castellani, A. M. Serrilli, F. Bonadies, A. Bianco, "Natural phenols and diglycerides in virgin olive oil and their relation." *Natural Products Research*, 2008, 22 (16), 1413-1417.
- . A.M. Serrilli, G. Padula, V. Ripa, L. Petrosino, A. Bianco, "Searching new olive (*Olea europaea* L.) cultivars. Analysis of phenolic fraction in olive selections derived from a breeding program", *Advances in Horticultural Science*, 2008, 22 (2), 104-109.
- A.M. Serrilli, A. Ramunno, F. Amicucci, V. Chicarella, S. Santoni, M. Ballero, M. Serafini, A. Bianco, "Iridoic pattern in endemic Sardinian plants: the case of *Galium* species", *Natural Products Research.*, 2008, 22 (7), 618-622.
- A.M. Serrilli, A. Ramunno, R. Rullo, M. Ballero, M. Serafini, A. Bianco, "The occurrence of phenyl propanoid glycosides in endemic *Teucrium* species", *Natural Products Research*, 2007, 21 (9), 814-818.
- A. Bianco, A.M. Serrilli, C. Melchioni, "Molecular composition and quality/taste of olive oil: monoterpenes and natural phenols", *ARKIVOC*, 2007, Part(VII), 146-156.
- A.M. Serrilli, A. Ramunno, F. Piccioni, M. Serafini, M. Ballero, A. Bianco, "Monoterpenoids from *Stachys glutinosa*", *Natural Products Research*, 2006, 20 (6), 648-652.
- A. Ramunno, A.M. Serrilli, M. Serafini, M. Ballero, F. Piccioni, "Taxonomical markers in two endemics plants of Sardinia: *Verbascum conocarpum* and *Scrophularia trifoliata*", *Natural Products Research*, 2006, 20 (5), 511-516.
- A.M. Serrilli, A. Ramunno, M. Serafini, M. Ballero, F. Piccioni, "Flavonoids and iridoids from *Stachys corsica*", *Natural Products Research*, 2005, 19 (6), 561-565.
- Bianco A.; Ramunno A.; Serrilli A.M., Lo Castro M., Ballero M., Serafini M. "Phytochemical characters of *Teucrium marum* from Sardinia: an endemic plant. *Natural Products Research*, 2004, 18 (6), 557-564.

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