

Curriculum Vitae

Personal information **Maria Di Marzo**

Work experience

1. Employer: Agenzia Italiana del Farmaco (AIFA) _ Rome
 - Start date: 042017
 - End date:
 - Position: Pharmacist _ Scientific coordinator at Pharmaceutical innovation and strategy department
 - Activities: Main: Coordination of activities related to EMA Scientific Advice procedures and other EMA Scientific Advice Working Party (SAWP) activities. Coordination of activities concerning support to Innovation, in connection with the European Innovation Network (EU_IN). Involvement in EUIN & its subgroups activities.
 - Country: Italy
2. Employer: Agenzia Italiana del Farmaco (AIFA) _ Rome
 - Start date: 112009
 - End date: 042017
 - Position: Pharmacist _ Scientific Administrator (permanent) at Centralised Procedures Office
 - Activities: _ Scientific administrator and Quality assessor for centralised procedures _ Scientific administrator of national authorisation procedures for radiopharmaceuticals (Member of the AIFA Working Group on Radiopharmaceuticals) _ Linguistic revision of centralised products information _ Quality assessor of Investigational Medicinal Products Dossier (IMPD) _ Participation to the plenary meetings of the Quality Working Party (QWP) EMA.
 - Country: Italy
3. Employer: Agenzia Italiana del Farmaco (AIFA) _ Rome
 - Start date: 112005
 - End date: 112009
 - Position: Pharmacist _ Scientific Administrator (temporary position) at Centralised Procedures Office
 - Activities: _ Scientific administrator and Quality assessor for centralised procedures _ Member of the AIFA Working Group on Radiopharmaceuticals since Feb. 2009 _ AIFA Contact person for the EMA PIM (Product Information Management) project (withdrawn) _ Linguistic revision of centralised medicinal products information
 - Country: Italy
4. Employer: Sigma_Tau Industrie Farmaceutiche Riunite S.p.A.
 - Start date: 092003
 - End date: 112005
 - Position: Researcher
 - Activities: Research activities: Drug discovery of new molecules with antitumoral activity: rational design, synthesis, purification and structural characterization. Analytical techniques used: HPLC, LC_MS, 1H e 13C-NMR, mass spectrometry. Optimization of synthetic routes for scale_up.
 - Country: Italy
5. Employer: Lab. Prof. JM Lehn _ Institut de Science et Ingénierie Supramoléculaires (ISIS_ Univ. Louis Pasteur, Strasbourg)
 - Start date: 022002
 - End date: 102002
 - Position: Ph.D. Placement
 - Activities: Research activities: Design of bi_functional monomers for dynamic polymerisations. Development of synthetic routes to novel peptide analogues. Studies of reversible polymerisations for applications in biological and materials science.
 - Country: France

Education and training

1. Subject: University of Tor Vergata, Rome
 - Start date:
 - End date: 102008
 - Qualification: Master Degree in Scientific and Regulatory Assessment of New Medicines
 - Organisation: Scientific and regulatory assessment of new medicinal products
 - Country: Italy
2. Subject: University of Salerno, DIFARMA, Fisciano
 - Start date:
 - End date: 032003
 - Qualification: PhD degree in Pharmaceutical Sciences
 - Organisation: Design of novel pseudopeptides based upon Anandamide model (lipidic endogen mediator of the cannabinoid system). Solid_phase peptide_like synthesis. Analytical characterization (HPLC, 1D & 2D_NMR, Electrospray_MS). Supervision and training of undergraduate students.
 - Country: Italy
3. Subject: University "Federico II" _ Naples
 - Start date:
 - End date: 031999
 - Qualification: Degree in Pharmaceutical Chemistry and Technology
 - Organisation: Pharmaceutical chemistry, organic chemistry, pharmacology, analytical

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chemistry/laboratory practice, pharmaceutical technology and legislation, biochemistry, microbiology, biology, physics etc. Research project: applied different extraction techniques to lyophilised marine sponges. Purified new cytotoxic macrocyclic metabolites using different chromatographic techniques (MPLC, HPLC). Elucidated metabolites structures by 1D-, 2D-NMR and Mass Spectrometric techniques.

- Country: Italy

Additional information

Publications

Agricola E, Auriche-Benichou C, Baiao H, Blanquie O, Bodea T, Borán T, Borg JJ, Cordo' V, Di Marzo M, Dmowski R, Rugholm L, Ehmann F, Hauksdóttir Hvannberg R, Herold R, Irs A, Jurkovič Mlakar S, Klaus R, Kolehmainen J, Lahorte C, Löbker W, Mäkinen Salmi A, Nuevo Ordoñez Y, O'Dwyer L, Pasmooij AMG, Saeterdal I, Spakova B, Starokozhko V, Ziegele B, Zywiec K. The European Innovation Network as a hub for medicines innovation in Europe. *Nat Rev Drug Discov.* 2024 Jun;23(6):405-406. _ E. Agricola, M. Di Marzo. "Terapie digitali: il panorama regolatorio europeo e nazionale". Forward _ "(R)evolution" 4/2019. _ M. Di Marzo, A. Casapullo, G. Bifulco, P. Cimino, A. Ligresti, V. Di Marzo, R. Riccio and L. Gomez_Paloma. "Synthesis, conformational analysis and CB1 binding affinity of hairpinlike anandamide mimetics of pseudopeptide nature". *J. Pept. Science* 2006, 12, 575_591. _ G. Giannini, M. Marzi, R. Pezzi, T. Brunetti, G. Battistuzzi, M. Di Marzo, W. Cabri, L. Vesce, C. Pisano. "N-Hydroxy_(4_oxime)_cinnamide: A versatile scaffold for the synthesis of novel histone deacetylase (HDAC) inhibitors". *Bioorganic & Medicinal Chemistry Letters* (2009) 19, 2346-2349. _ Giannini, G., Marzi, M., Di Marzo, M., Battistuzzi, G., Pezzi, R., Brunetti, T., Cabri, W., Vesce, L., Pisano, C., Exploring Bis_(indolyl)methane moiety as an alternative and innovative CAP group in the design of Histone Deacetylase (HDAC) inhibitors, *Bioorganic & Medicinal Chemistry Letters*, (2009) 19, 2840_2843. Patents (I'm not beneficiary of them): _ International Publication Number/Date: US007851621B2/ 14.12.2010. Inventors: M. Marzi, M. Di Marzo. "Synthesis of deoxybiotinyl hexamethylenediamine_DOTA". _ International Publication Number/Date: US007816386B2/ 19.10.2010. Inventors: C. Pisano, G. Battistuzzi, M. Di Marzo, G. Giannini, M. Marzi, L. Vesce, F. Zunino, R. Pezzi. "Cinnamic, Phenylpropionic and Phenylpropanoic acid derivatives useful as anti_tumour agents". _ International Publication Number/Date: US008053460B2 / 08.11.2011. Inventors: C. Pisano, G. Battistuzzi, M. Di Marzo, G. Giannini, M. Marzi, L. Vesce, F. Zunino. "Indole derivatives having anti_tumour activity".

Projects

Memberships

Other Relevant Information

Languages: Mother tongue: Italian Other languages: English (Good reading, writing, verbal skills) French (Good reading, writing, verbal skills)