



Curriculum Vitae

Personal information **carmen maffettone**

Work experience

1. Employer: Italian Medicines Agency (AIFA)
 - Start date: 112013
 - End date:
 - Position: Clinical and PK Assessor
 - Activities: PK assessor for the evaluation of bioavailability studies in the dossier for marketing authorization of generic medicinal products within national and DC/MR procedures
 - Safety assessor of national and MR/DC variations.
 - Country: Italy
2. Employer: Agreement Catholic University School of Medicine_ Institute of Pharmacology _ Italian Medicines Agency (AIFA)
 - Start date: 102011
 - End date: 112013
 - Position: Clinical and PK Assessor
 - Activities: PK assessor for the evaluation of bioavailability studies in the dossier for marketing authorization of generic medicinal products within national and DC/MR procedures
 - Safety assessor of national and MR/DC variations.
 - Country: Italy
3. Employer: University of Naples _ Federico II_
 - Start date: 2010
 - End date: 2011
 - Position: Professor on contract
 - Activities: Teaching of Physiology and Biochemistry of Nutrition
 - Country: Italy
4. Employer: Lady Davis Institute for Medical Research _ McGill University, Montreal
 - Start date: 062008
 - End date: 042010
 - Position: Post_doc fellow
 - Activities: Research Activities on iron metabolism in carcinogenesis
 - Country: Canada
5. Employer: University of Naples _ Federico II_
 - Start date: 072006
 - End date: 062008
 - Position: Research fellow
 - Activities: Research Activities on Iron Metabolism
 - Country: Italy
6. Employer: University of Naples _ Federico II_
 - Start date: 022004
 - End date: 122004
 - Position: Coordinated and Continuous Collaboration (Co.Co.Co)
 - Activities: Research Activities on role of iron metabolism in cellular differentiation
 - Country: Italy
7. Employer: University of Naples _ Federico II_
 - Start date: 062002
 - End date: 022003
 - Position: Scientific Collaboration
 - Activities: Research Activities on iron metabolism in neurodegeneration
 - Country: Italy

Education and training

1. Subject: Centro Studi OMNIA s.r.l.
 - Start date:
 - End date: 2012
 - Qualification: International Computer Licence
 - Organisation: EQF level 1
 - Country: Italy
2. Subject: Catholic University of Sacred Heart
 - Start date: 102010
 - End date: 102011
 - Qualification: Master Science Preclinical and clinical drug development: Scientific, Regulatory and Ethic Aspects
 - Organisation: Scientific areas: Biomarkers, Statistics, Bioinformatics, Regulatory affairs, Quality affairs Proteomics, Target discovery and lead selection, Systems biology, Epidemiology, Drug discovery, Genetics and genomics, Toxicology, Drug development science, Drug delivery, Pharmacovigilance, Pharmacology, Preclinical and clinical studies, Production technologies, PK/PD modelling
 - Country: Italy
3. Subject: University of Naples _ Federico II_
 - Start date: 2005
 - End date: 2007
 - Qualification: Specialization in Pharmacology

- Organisation: Thesis title "Iron Metabolism during Bovine Herpes Virus infection"
 - Country: Italy
4. Subject: University of Naples _ Federico II_
- Start date: 2002
 - End date: 2005
 - Qualification: PhD degree in Pharmacological Sciences
 - Organisation: Thesis Title" Divergent modulation of iron regulatory proteins and ferritin biosynthesis by hypoxia/reoxygenation in neurons and glial cells"
 - Country: Italy
5. Subject: University of Naples _ Federico II_
- Start date:
 - End date: 2002
 - Qualification: Professional Qualification as Pharmacist
 - Organisation:
 - Country: Italy
6. Subject: University of Naples _ Federico II_
- Start date: 1997
 - End date: 2002
 - Qualification: Degree in Pharmacy
 - Organisation: Thesis title: "Oxalomalic acid rules ferritin trascription and translation"
 - Country: Italy

Additional information

Publications

Publications 1) Sebastiani G., Gkouvatzos K., Maffettone C., Guido M., Pantopoulos K. (2011) "Accelerated CCl4-induced liver fibrosis in H₂O₂ mice, associated with an oxidative burst and precocious profibrogenic gene expression". *PloS One* e25138 ISSN:1932_6203, doi: 10.1371/journal.pone.0025138 2) Santamaria R., Fiorito F., Irace C., De Martino L., Maffettone C., Granato G.E., Di Pascale A., Iovane V., Pagnini U., Colonna A. (2011) "2,3,7,8-tetrachlorodibenzo-p-dioxin impairs iron homeostasis by modulating iron-related proteins expression and increasing the labile iron pool in mammalian cells". *Biochim. Biophys Acta* 1813:704_711, ISSN: 0167_4889, doi: 10.1016/j.bbamcr.2011.02.003 3) Maffettone C., Chen G., Drozdov I., Ouzounis C., Pantopoulos K. (2010) "Tumorigenic properties of iron regulatory protein 2 (IRP2) mediated by its specific 73-amino acids insert". *PLoS One* 5:e10163, ISSN: 1932_6203, doi: 10.1371/journal.pone.0010163 4) Mattace Raso G., Irace C., Esposito E., Maffettone C., Iacono A., Di Pascale A., Santamaria R., Colonna A., Meli R. (2009) "Ovariectomy and estrogen treatment modulate iron metabolism in rat adipose tissue". *Biochem. Pharmacol.* 78:1001_1007, ISSN: 0006_2952, doi: 10.1016/j.bcp.2009.05.034 5) Fattorusso E., Romano A., Tagliatela Scafati O., Irace C., Maffettone C., Bavestrello G., Cerrano C. (2009) "Oxygenated cembranoids of the decaryol type from the Indonesian soft coral *Lobophytum* sp". *Tetrahedron*, 65:2898_2903, ISSN: 0040_4020, doi: 10.1016/j.tet.2009.02.008 6) Rosselli S., Maggio A., Bruno M., Spadaro V., Formisano C., Irace C., Maffettone C., Mascolo N. (2009) "Furostanol saponins and ecdysones with cytotoxic activity from *Helleborus bocconei* ssp. *intermedius*". *Phytother. Res.* 23:1243_1249, ISSN: 0951_418X, doi: 10.1002/ptr.2569 7) Rosselli S., Maggio A., Eiroa C., Formisano C., Bruno M., Irace C., Maffettone C., Mascolo N. (2008) "Cytotoxic activity of diterpenoids isolated from the aerial parts of *Elaeoselinum asclepium* (L.) Bertol subsp. *Meoides* (Desf.) Fiori (Apiaceae)". *Planta Med.*, 74:1285_1287, ISSN: 0032_0943 8) Maffettone C., De Martino L., Irace C., Santamaria R., Pagnini U., Iovane G., Colonna A. (2008) "Expression of iron-related proteins during infection by bovine herpes virus type-1". *J. Cell. Biochem.*, 104:213_223, ISSN: 0730_2312, doi: 10.1002/jcb.21618 9) Costantino V., De Rosa C., Fattorusso E., Imperatore C., Mangoni A., Irace C., Maffettone C., Capasso D., Malorni L., Palumbo R., Pedone C. (2007) "Oreocerebrosides: Bioactive Cerebrosides with a Triunsaturated Sphingoid Base from the Sea Star *Oreaster reticulatus*". *Eur. J. Org. Chem.*:5277_5283, ISSN: 1434_193X, doi: 10.1002/ejoc.200700390 10) Irace C., Esposito G., Maffettone C., Rossi A., Festa M., Iuvone T., Santamaria R., Sautebin L., Carnuccio R., Colonna A. (2007) "Oxalomalate affects the inducible nitric oxide synthase expression and activity". *Life Sci.*, 80:1282_1291, ISSN: 0024_3205, doi: 10.1016/j.lfs.2006.12.008 11) Santamaria R., Bevilacqua M. A., Maffettone C., Irace C., Iovine B., Colonna A. (2006) "Induction of H-ferritin synthesis by oxalomalate is regulated at both the transcriptional and post-transcriptional levels". *Biochim. Biophys Acta*, 1763:815_822, ISSN: 0167_4889, doi: 10.1016/j.bbamcr.2006.03.011 12) Irace C., Scorziello A., Maffettone C., Pignataro G., Matrone C., Santamaria R., Annunziato L., Colonna A. (2005) "Divergent Modulation of Iron Regulatory Proteins and Ferritin Biosynthesis by Hypoxia/Reoxygenation in Neurons and Glial Cells". *J. Neurochem.*, 95:1321_1331, 2005 ISSN: 0022_3042, doi: 10.1111/j.1471_4159.2005.03449.x 13) Santamaria R., Irace C., Festa M., Maffettone C., Colonna A. (2004) "Induction of ferritin expression by oxalomalate". *Biochim. Biophys Acta*, 1691:151_159, ISSN: 0006_3002, doi: 10.1016/j.bbamcr.2004.01.

Projects

Memberships

Other Relevant Information

Honours and awards _ Award for participation "V Foresight Training Course" from the Pharmacological Research Foundation "Gianni Benzi" (Warsaw, Poland, September 2012) _ Award for participation " International BioIron Society Meeting" from International Society BioIron (IBIS) (Porto, Portugal, July 2009) _ Canadian Post-Doctoral Research Fellowships (PDRF)] from Government of Canada CAD 32000) _ September 2008 _ September 2009