



Curriculum Vitae

Personal information **Alessandra Tamburella**

Work experience

1. Employer: Italian Medicine Agency
 - Start date: 102011
 - End date:
 - Position: Pharmacist manager
 - Activities: Regulatory affairs _ Non Clinical Assessor _ Centralised Procedure Office Main expertise areas: Pharmacology and Toxicology Pre_Clinical: in vitro and in vivo Pharmacology in laboratory and target animals _ Pharmacodynamics _ Pharmacokinetics _ Behavioural toxicology _ Occupational toxicology _ Safety Pharmacology _ J3Rs alternative methods _ QSAR, in silico tests Assessment of scientific advices (EMA SAWP) of chemical and biotech products Assessment of full Marketing Authorisation Application (MAAs), and post_marketing authorization applications Environmental Risk Assessment (ERA) Expert Regular Expert at EMA Safety Working Party (SWP) From 2015 to 2022 _ member of the drafting group for the Guideline on the non_clinical requirements for radiopharmaceuticals PDCO Non Clinical Working Group Member from 2017 to 2020 PARERE _ EURL ECVAM Network for Preliminary Assessment of Regulatory Relevance: Collaboration with the Italian PARERE Network members _ involvement in providing a preliminary view on the potential regulatory relevance of methods submitted to EURL ECVAM for validation and/or peer review, in order to expedite the process of regulatory acceptance of alternative methods, with regards to the J3R principle
 - Country: Italy
2. Employer: University of Catania
 - Start date: 2010
 - End date: 2010
 - Position: Collaboration contract
 - Activities: Preclinical research _ Preclinic studies in animal models of depression
 - Country: Italy
3. Employer: Max Planck Institute For Psychiatry _ Munich
 - Start date: 072009
 - End date: 122009
 - Position: Guest Post Doc
 - Activities:
 - Country: Germany
4. Employer: Private Pharmacy
 - Start date: 022005
 - End date: 022006
 - Position: Employee
 - Activities: Drugs selling
 - Country: Italy

Education and training

1. Subject: Catholic University of Sacred Heart _ Rome
 - Start date: 2011
 - End date: 2012
 - Qualification: Preclinical and clinical drug development Master
 - Organisation:
 - Country: Italy
2. Subject: University of Catania
 - Start date: 2004
 - End date: 2010
 - Qualification: Pharmacology Residency
 - Organisation: Behavioural and molecular studies in animal models of stress and mood disorders
 - Country: Italy
3. Subject: University of Catania
 - Start date: 2006
 - End date: 2009
 - Qualification: PhD in Neuropharmacology
 - Organisation: Behavioural and molecular studies in animal models of stress and mood disorders
 - Country: Italy
4. Subject: University of Catania
 - Start date: 101998
 - End date: 042004
 - Qualification: Pharmacy first degree
 - Organisation: Pharmacy course
 - Country: Italy

Additional information

Publications

Navarria A, Tamburella A, Iannotti FA, Micale V, Camillieri G, Gozzo L, Verde R, Imperatore R, Leggio GM, Drago F, Di Marzo V. 2014 The dual blocker of FAAH/TRPV1 N_arachidonoylserotonin reverses the behavioral despair induced

by stress in rats and modulates the HPA axis. *Pharmacol Res.* 2014 Sep;87:151-9. Sinagra T., Tamburella A., Urso V., Siarkos I., Drago F., Bucolo C., Salomone S., 2012. Reversible inhibition of vasoconstriction by thiazolidinediones related to PI3K/Akt inhibition in vascular smooth muscle cells. *Biochem. Pharmacol.* 2012 Nov 27. doi:pii: S0006_2952(12)00754_X. 10.1016/j.bcp.2012.11.013. Tamburella, A., Leggio, G.M., Micale, V., Navarra, A., Bucolo, C., Cicirata, V., Drago, F., Salomone, S., 2012. Behavioural and neurochemical changes induced by stress-related conditions are counteracted by the neurokinin_2 receptor antagonist saredutant. *Int. J. Neuropsychopharmacol.* 14: 1_11 Tamburella, A., Micale, V., Mazzola, C., Drago, F., 2012. The selective norepinephrine reuptake inhibitor atomoxetine counteracts behavioral impairments in trimethyltin_intoxicated rats. *Eur. J. Pharmacol.* 683:148_54 Tamburella, A., Micale, V., Leggio, G.M., Drago, F., 2010. The M3 adrenoceptor agonist, amibegron (SR58611A) counteracts stress-induced behavioral and neurochemical changes. *Eur. Neuropsychopharm.* 20: 704_13 Micale, V., Cristino, L., Tamburella, A., Petrosino, S., Leggio, G.M., Di Marzo, V., Drago, F. 2010. Enhanced cognitive performance of dopamine D3 receptor "knock_out" mice in the stepthrough passive avoidance test: assessing the role of the endocannabinoid/endovanilloid systems. *Pharmacol. Res.* 61: 531_6 Tamburella, A., Micale, V., Navarra, A., Drago, F. 2009. Antidepressant properties of the 5-HT4 receptor partial agonist, SL 65.0155: behavioral and neurochemical studies in rats. *Progress in Neuropsychopharm. and Biol. Psych.* 33: 1205_10 Micale, V., Cristino, L., Tamburella, A., Petrosino, S., Leggio, G.M., Drago, F., Di Marzo, V. 2009. Altered responses of dopamine D3 receptor null mice to excitotoxic or anxiogenic stimuli: possible involvement of the endocannabinoid and endovanilloid systems. *Neurobiology of Disease* 36: 70_80 Micale, V., Cristino, L., Tamburella, A., Petrosino, S., Leggio, G. M., Drago, F., Di Marzo, V. 2009. Anxiolytic Effects in Mice of a Dual Blocker of Fatty Acid Amide Hydrolase and Transient Receptor Potential Vanilloid Type_1 Channels. *Neuropsychopharmacology* 34: 593_606 Micale, V., Tamburella, A., Leggio, G.M., Mazzola, C., Li Volsi, V., Drago, F., 2008. Behavioral effects of saredutant, a tachykinin NK2 receptor antagonist, in experimental models of mood disorders under basal and stress-related conditions. *Pharm. Biochem. Behav.* 90: 463_9

Projects

Memberships

Other Relevant Information

Languages: Italian: mother tongue English: fluent in reading, writing and verbal skills Spanish: intermediate
Participation at the following congresses: _ 4a Summer School of Neuroscience, 22_28 July 2006, Catania _ 19 ECNP Congress, 16_20 September 2006, Paris _ European Frontiers in Neuropsychopharmacology, fifth series, november 2006 _ June 2007, Catania _ ECNP Workshop of Neuropsychopharmacology for young scientists, 2007, Nice _ 33 Congresso Nazionale della SIF, 6_9 June 2007, Cagliari _ 20 ECNP Congress, 13_17 ottobre 2007, Wien _ European Frontiers in Neuropsychopharmacology, sixth series, November 2007_ June 2008, Catania _ 37th Annual Meeting Society for Neuroscience; 2007 San Diego _ ECNP workshop for young scientists in Europe, 2008, Nice _ 6° Summer School of Neuroscience, 19_25 July 2008, Catania _ 38th Annual Meeting Society for Neuroscience, 2008 Washington _ 8° Conferenza Nazionale sulla Farmaceutica "Il confronto dell'AIFA con le esigenze del Sistema Sanitario Nazionale e gli standard europei", Catania _ 22 ECNP Congress, 12_16 settembre 2009, Istanbul, Turchia _ 34 Congresso nazionale della SIF, 14_17 ottobre 2009, Rimini _ 36 Congresso nazionale della SIF, 23_26 ottobre 2013, Torino _ ERA Assessors meeting, 3_5 December 2014, Berlin _ PAM Meeting, 17_19 May 2016, Brussels _ EUROTOX Meeting 2018 _ Brussels