Curriculum Vitae

Personal information

Paola Spinsanti

Work experience

• Dates: 2021-present
• Employer: Italian Medicine Agency (AIFA), Rome (Italy)
• Position: Full time as Safety Assessor
• Activity: Technical-scientific evaluation of safety variations (type I/II, grouping, worksharing) and renewals under National, MR and DC procedures (IT-RMS/CMS). Revision of Product information.

• Dates: 2011-2021
•Employer: Italian Medicine Agency (AIFA), Rome (Italy)
• Position: - Post-doctoral researcher, Univ. of Rome “Sapienza”, Dep. of Phisiology and Pharmacology
-Fixed-term contract
-Fixed-term contract in “La Banca dati farmaci AIFA: pubblicazione degli stampati (FI e RCP) come strumento di garanzia per l’uso corretto dei farmaci autorizzati in Italia” and “Brexit” projects
• Activity: Safety Assessor: technical-scientific evaluation of the type I/II variations and renewals under National, MR and DC procedures (IT-CMS/RMS). Revision of Product information.

• Dates: 2003-2011
• Employer: University of Rome “Sapienza”, Department of Phisiology and Pharmacology
• Position: - Professional collaborations
- Post-doctoral researcher
• Activity: Stem cells: isolation, culture and study the mechanisms that regulating survival, proliferation and differentiation; Metabotropic glutamate receptors: the study of the role in embrional, neural and tumoral stem cells

Education and training

- Qualification: Master degree (II level)
  Subject: Cattolica University Rome
  Start date: 2017 - End date: 2018
  Country: Italy
- Qualification: Post-doctoral researcher
  Subject: Sapienza University Rome
  Start date: 2008- End date: 2017
  Country: Italy
- Qualification: Ph.D
  Subject: Sapienza University Rome

Start date: 1995 -•End date: 1999

Country: Italy

- Qualification: Degree in Biological Sciences

  Subject: Sapienza University Rome

  date: 23-4-1991

  Country: Italy

Additional information

Publications

1) L. Iacovelli, R. Orlando, A. Rossi, **P. Spinsanti**, D. Melchiorri, F. Nicoletti. " Targeting metabotropic glutamate receptors in the treatment of primary brain tumors" Curr Opin Pharmacol. 2018 Feb. 8;38:59-64.

2) Ciceroni C, Bonelli M, Mastrantoni E, Niccolini C, Laurenza M, Larocca LM, Pallini R, Traficante A, **Spinsanti P**, Ricci-Vitiani L, Arcella A, De Maria R, Nicoletti F, Battaglia G, Melchiorri D. "Type-3 metabotropic glutamate receptors regulate chemoresistance in glioma stem cells, and their levels are inversely related to survival in patients with malignant gliomas". Cell Death Differ. 2013 Mar 20(3), 396-407.

3) Battaglia G, Molinaro G, Riozzi B, Storto M, Busceti CL, Spinsanti P, Bucci D, Di Liberto V, Mudò G, Corti C, Corsi M, Nicoletti F, Belluardo N, Bruno V. "Activation of mGlu3 receptors stimulates the production of GDNF in striatal neurons". PLoS One. 2009 Aug 12; 4(8):e6591.

4) Messina S, Molinaro G, Bruno V, Battaglia G, **Spinsanti P**, Di Pardo A, Nicoletti F, Frati L, Porcellini A. "Enhanced expression of Harvey ras induced by serum deprivation in cultured astrocytes". J Neurochem., 106 (2): 551-9, 2008.

5) **Spinsanti P**, De Vita T, Caruso A, Melchiorri D, Misasi R, Caricasole A, Nicoletti F. "Differential activation of the calcium/protein kinase C and the canonical beta-catenin pathway by Wnt1 and Wnt7a produces opposite effects on cell proliferation in PC12 cells". J Neurochem., 104 (6):1588-98, 2008.

6) Melchiorri D, Cappuccio I, Ciceroni C, **Spinsanti P**, Mosillo P, Sarichelou I, Sale P, Nicoletti F. "Metabotropic glutamate receptors in stem/progenitor cells." Neuropharmacology, 53 (4): 473-80, 2007.

7) Musciatoli M, Molfino A, Chiappini MG, Laviano A, Amman T, **Spinsanti P**, Melchiorri D, Inui A, Alegiani F, Rossi Fanelli F. "Anorexia in hemodialysis patients: The possible role of des-acyl ghrelin." Am. J. Nephrology, 27(4):360-365, 2007.

8) Verani R, Cappuccio I, **Spinsanti P**, Gradini R, Caruso A, Magnotti MC, Motolese M, Nicoletti F, Melchiorri D. "Expression of the Wnt inhibitor Dickkopf-1 is required for the induction of neural markers in mouse embryonic stem cells differentiating in response to retinoic acid." J Neurochem. 100 (1): 245-250, 2007.

9) **Spinsanti P**, De Vita T, Di Castro S, Storto M, Formisano P, Nicoletti F, Melchiorri D. "Endogenously activated mGlu5 metabotropic glutamate receptors sustain the increase in c-Myc expression induced by

leukaemia inhibitory factor in cultured mouse embryonic stem cells." J Neurochem., 99 (1):299-307, 2006.

10) Iacovelli L, Arcella A, Battaglia G, Pazzaglia S, Aronica E, **Spinsanti P**, Caruso A, De Smaele E, Saran A, Gulino A, D'Onofrio M, Giangaspero F, Nicoletti F. "Pharmacological activation of mGlu4 metabotropic glutamate receptors inhibits the growth of medulloblastomas". J Neurosci., 26(32):8388-97, 2006.

11) Cappuccio I, Verani R, **Spinsanti P**, Niccolini C, Gradini R, Costantino S, Nicoletti F, Melchiorri D. "Context-dependent regulation of embryonic stem cell differentiation by mGlu4 metabotropic glutamate receptors." Neuropharmacology, 51(3):606-611, 2006

12) Cappuccio I*, **Spinsanti P*,** Porcellini A, Desiderati F, De Vita T, Storto M, Capobianco L, Battaglia G, Nicoletti F, Melchiorri D. "Endogenous activation of mGlu5 metabotropic glutamate receptors supports self-renewal of cultured mouse embryonic stem cells". Neuropharmacology, 49 Suppl 1:196-205, 2005. ***co-first authors**

13) Calo' L, Bruno V, **Spinsanti P**, Molinari G, Korkhov V, Esposito Z, Patane M, Melchiorri D, Freissmuth M, Nicoletti F. "Interactions between ephrin-B and metabotropic glutamate 1 receptors in brain tissue and cultured neurons". J Neurosci., 2; 25(9): 2245-54, 2005.

14) M. Castiglione*, **P. Spinsanti*,** L. Iacovelli, L. Lenti, F. Martini, R. Gradini, V. Di Giorgi Gerevini, A. Caricasole, A. Caruso, R. De Maria, F. Nicoletti, D. Melchiorri. "Activation of Fas receptor is required for the increased formation of the disialogangliosides GD3 in cultured cerebellar granule cells committed to apoptotic death." Neuroscience, 126(4): 889-98, 2004. ***co-first authors**

15) S. Rubattu, R. Giliberti, P. De Paolis, R. Stanzione, **P. Spinsanti**, V. Venturelli and M. Volpe. "Functional relevance of regulatory mutation of the rat atrial natiuretic peptide gene." Peptides, 23, 555-560, 2001.

16) M. Rinaldi, G. Barrera, **P. Spinsanti**, S. Pizzimenti, S.A. Ciafrè, P. Parrella, M.G. Farace, E. Signori, M.U. Dianzani and V.M. Fazio. "Growth inhibition and differentiation induction in murine erythroleukemic cells by 4-hydroxynonenal." Free Radical Res., 34 (6), 623-37, 2001.

17) P. Trivedi, **P. Spinsanti**, L. Cuomo, M. Volpe, K. Takada, L. Frati and A. Faggioni. "Differential regulation of Epstein-Barr virus latent gene expression in Burkitt lymphoma cells converted with a recombinant EBV strain". J. Virol., 75 (10), 4929-35, 2001.

18) **P. Spinsanti**, U. de Grazia, A. Faggioni, L. Frati, A. Calogero and G. Ragona. "Wilms' tumor gene expression by normal and malignant B lymphocytes." Leukemia and Lymphoma, 38 (5-6), 611-9, 2000.

19) M. D'Onofrio, U. de Grazia, S. Morrone, L. Cuomo, **P. Spinsanti**, L. Frati, A. Gulino and G. Ragona.

"Expression of neurotrophin receptor in human B lymphocytes of normal and malignant origin." Eur. Cytokine Netw., 11(2), 283-292, 2000.

20) M. Rinaldi, G. Barrera, A. Aquino, **P. Spinsanti,** S. Pizzimenti, M.G. Farace, M.U. Dianzani and V.M. Fazio. "4-hydroxynonenal-induced MEL cell differentiation involves PKC activity translocation". Biochem. Biophys. Res. Commun., 272 (1), 75-80, 2000.

21) A. Calogero, L. Cuomo, M. D'Onofrio, U. de Grazia, **P. Spinsanti**, D. Mercola, A. Faggioni, L. Frati, E.D. Adamson and G. Ragona. "Expression of egr-1 correlates with the transformed phenotype and the type of viral latency in EBV genome positive lymphoid cell lines." Oncogene,13 (10), 2105-2112, 1996.

22) A. Delpino, **P. Spinsanti**, E. Mattei, A.M. Mileo, D. Vismara and U. Ferrini. "Identification of a 66 Kda heat shock protein (HSP) in M-14 human melanoma cells by severe hyperthermic treatments." Melanoma Research, 2, 369-375, 1992.

Projects

Memberships

Other Relevant Information