

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Nome e Cognome Tullio FLORIO
Indirizzo Centro di Eccellenza per la Ricerca Biomedica (CEBR) Sezione di Farmacologia DiMI,
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Data di nascita 7 aprile 1960

CODICE FISCALE **FLRLL60D07F839X**

POSIZIONE RICOPERTA PROFESSORE ASSOCIATO DI FARMACOLOGIA, SCUOLA MEDICO-FARMACEUTICA
 UNIVERSITA' DI GENOVA

ESPERIENZA LAVORATIVA

Date (da – a) Luglio 1990 – Agosto 1993
Nome e indirizzo del datore di lavoro Vollum Institute for Advanced Biomedical Research, Oregon Health Sciences University,
 Portland Oregon, USA
Tipo di azienda o settore Università
Tipo di impiego Ricercatore (Post-Doctoral Fellow)
Principali mansioni e responsabilità Ricerca scientifica

Date (da – a) Luglio 1997 – Novembre 1997
Nome e indirizzo del datore di lavoro Vollum Institute for Advanced Biomedical Research, Oregon Health Sciences University,
 Portland Oregon, USA
Tipo di azienda o settore Università
Tipo di impiego Ricercatore (Visiting Scientist)
Principali mansioni e responsabilità Ricerca scientifica

Date (da – a) Novembre 1998 - Ottobre 2002
Nome e indirizzo del datore di lavoro Università G. D'Annunzio di Chieti
Tipo di azienda o settore Università
Tipo di impiego Professore di Farmacologia, Facoltà di Medicina e Chirurgia
Principali mansioni e responsabilità Insegnamento e ricerca scientifica

Date (da – a) Novembre 2002 - tutt'oggi
Nome e indirizzo del datore di lavoro Università degli Studi di Genova
Tipo di azienda o settore Università
Tipo di impiego Professore di Farmacologia, Scuola Medico-Farmaceutica
Principali mansioni e responsabilità Insegnamento e ricerca scientifica

ISTRUZIONE E FORMAZIONE

Date (da – a) 1980-1987
Nome e tipo di istituto di istruzione o formazione Università Federico II di Napoli

<ul style="list-style-type: none"> • Principali materie / abilità professionali oggetto dello studio • Qualifica conseguita • Livello nella classificazione nazionale (se pertinente) 	Farmacologia Laurea in Medicina e Chirurgia 110 e lode
<ul style="list-style-type: none"> • Date (da – a) • Nome e tipo di istituto di istruzione o formazione • Principali materie / abilità professionali oggetto dello studio • Qualifica conseguita • Livello nella classificazione nazionale (se pertinente) 	1987-1990 Università Federico II di Napoli Endocrinologia Specializzazione in Endocrinologia 50 e lode
<ul style="list-style-type: none"> • Date (da – a) • Nome e tipo di istituto di istruzione o formazione • Principali materie / abilità professionali oggetto dello studio • Qualifica conseguita • Livello nella classificazione nazionale (se pertinente) 	1991-1994 Università Federico II di Napoli Neuroscienze Dottorato di Ricerca in Neuropsicofarmacologia e Tossicologia

CAPACITÀ E COMPETENZE

PERSONALI

Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.

PRIMA LINGUA

ITALIANO

ALTRE LINGUE

INGLESE

- Capacità di lettura Ottimo
- Capacità di scrittura Buono
- Capacità di espressione orale Buono

CAPACITÀ E COMPETENZE:
Ricerca scientifica
Ambiti dell'attività di ricerca:

- 1) Neurofarmacologia (identificazione dei meccanismi di neurotossicità da amiloidi, identificazione di approcci farmacologici neuroprotettivi)
- 2) Farmacologia oncologica (caratterizzazione della sensibilità farmacologica di cellule staminali tumorali di glioblastoma umano e di carcinoma mammario; meccanismi molecolari degli effetti antiproliferativi indotti da agonisti somatostatinergerici, dopaminergici e di composti chimerici)

Autore di 181 Pubblicazioni Scientifiche, 21 Capitoli di libri e atti di Convegni, e di 360 abstracts di presentazioni a Congressi Scientifici Nazionali ed Internazionali

INDICATORI BIBLIOMETRICI: Impact Factor totale: 719.9, medio 4.2, medio migliori 30 pubblicazioni 7.5; citazioni totali 5312, h index 41 (scopus)

Review Editor per *Frontiers in Neurosciece* (Neuroendocrine Section)

Membro dell'Editorial Board di "Anticancer Drugs", "World Journal of Pharmacology", e "Journal of Hormones"

Membro delle seguenti società scientifiche:

Società Italiana di Farmacologia, Society for Neuroscience (USA), European NeuroEndocrine Association (ENEA), International Brain Research Organization (IBRO), Endocrine Society (USA), International Regulatory Peptide Society (Membro dello Scientific Advisory Board), Associazione Italiana di Neuropatologia e Neurobiologia

Attività editoriale per la Didattica

Partecipazione alla stesura della II edizione del trattato "Cardio-Angio Farmacologia" di A. Marino, Piccin Editore (Padova) (1994)

Partecipazione alla stesura dell'edizione italiana del trattato "Farmacologia Medica" di Brody, Lerner, Minneman, Neu, Edizioni EdiSES (Napoli) (1997)

Partecipazione alla stesura del trattato "Farmacologia. Principi di base ed applicazioni terapeutiche" di F. Rossi, V. Cuomo, C. Riccardi, Edizioni Minerva Medica (Torino) (2005)

Partecipazione alla stesura della II edizione del trattato "Farmacologia. Principi di base ed applicazioni terapeutiche" di F. Rossi, V. Cuomo, C. Riccardi, Edizioni Minerva Medica (Torino) (2011)

ULTERIORI INFORMAZIONI
Titolare di finanziamenti per la ricerca (sono elencati solo quelli attivi o appena conclusi):

-Progetto di ricerca AIRC: Cancer stem cell transdifferentiation in glioblastoma angiogenesis and invasiveness: role of CXCR4 and CXCR7 (2013-2015)

- Progetto FIRB Accordi di Programma 2011: Patologie neurodegenerative e danno cerebrale: meccanismi cellulari e molecolari alla base del deterioramento cognitivo e correlazione al danno funzionale nell'uomo (2012-2014)

-Progetto Compagnia di San Paolo "Alterazioni epigenetiche nel glioblastoma: implicazioni per la terapia" (2013-2014)

-Progetto Fondazione Buzzi Unicem: Identificazione dei meccanismi di resistenza e nuovi target molecolari in cellule staminali derivate da mesotelioma pleurico maligno umano" (2013)

-Progetto di Ricerca di ateneo: "Ruolo delle cellule staminali tumorali nell'angiogenesi e nella progressione del glioblastoma: approcci farmacologici" (2012-2013)

-Progetto di Ricerca Corrente IZS-PLV: Caratterizzazione morfologica e molecolare delle cellule staminali e primarie nell'osteosarcoma canino: sviluppo di un modello animale in oncologia comparata (2013)

ALLEGATI

Elenco Pubblicazioni Scientifiche

18/12/2015

Il sottoscritto è a conoscenza che, ai sensi dell'art. 26 della legge 15/68, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali. Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo quanto previsto dalla Legge 196/03.

ALLEGATI

ELENCO PUBBLICAZIONI SCIENTIFICHE PROF. TULLIO FLORIO

1. Schettini G., **Florio T.**, Meucci O., Landolfi E., Cronin M.J., MacLeod R.M. "Calmodulin modulates prolactin secretion by anterior pituitary cells in vitro: studies with calmodulin containing liposomes" *Life Sciences* 41: 2437-2444 (1987). **I.F.=2.134- N° citazioni =4**
2. Schettini G., Ciampanelli D., **Florio T.**, Meucci O., Landolfi E., Marino A. "Effect of Fipexide, a new nootropic drug, on active avoidance conditioning in rats" *Rassegna di Medicina Sperimentale* 34: 1-11 (1987). - **N° citazioni =2**
3. Schettini G., **Florio T.**, Meucci O., Landolfi E., Lombardi G., Marino A. "Somatostatin inhibition of anterior pituitary adenylate cyclase activity: different sensitivity between male and female rats" *Brain Research* 439: 322-329 (1988). **I.F.=2.843-N° citazioni =31**
4. Schettini G., Meucci O., **Florio T.**, Grimaldi M., Landolfi E., Magri G., Yasumoto T. "Pertussis toxin pretreatment abolishes dihydropyridine inhibition of calcium flux in the 235-1 pituitary cell line" *Biochemical and Biophysical Research Communications* 151: 361-369 (1988). **I.F. = 2.297- N° citazioni =9**
5. Schettini G., **Florio T.**, Magri G., Grimaldi M., Meucci O., Landolfi E., Marino A. "Somatostatin and SMS 201-995 reversal of the impairment of cognitive functions induced by cysteamine depletion of brain somatostatin" *European Journal of Pharmacology* 151: 399-407 (1988). **I.F. = 2.532- N° citazioni =54**
6. Schettini G., **Florio T.**, Meucci O., Scala G., Landolfi E., Grimaldi M. "Effect of interleukin 1 β on transducing mechanisms in 235-1 clonal pituitary cells. Part 1: modulation of adenylate cyclase activity" *Biochemical and Biophysical Research Communications* 155: 1089-1096 (1988). **I.F. =2.297- N° citazioni=16**
7. Schettini G., Meucci O., **Florio T.**, Scala G., Landolfi E., Grimaldi M. "Effect of interleukin 1 β on transducing mechanisms in 235-1 clonal pituitary cells. Part 2: modulation of calcium fluxes" *Biochemical and Biophysical Research Communications* 155: 1097-1104 (1988). **I.F. = 2.297- N° citazioni =17**
8. Schettini G., **Florio T.**, Meucci O., Landolfi E., Grimaldi M., Ventra C., Marino A. "Somatostatin inhibition of adenylate cyclase activity in different brain areas" *Brain Research* 492: 65-71 (1989). **I.F. = 2.843- N° citazioni =73**
9. Schettini G., Mastronardi P., Scanni E., Pinto M., Forgiione A., **Florio T.**, Savastano S., Merola B., Lombardi G., Mazzarella B. "Antiemetic effect of the levo isomer of sulpiride (L-sulpiride) in humans" *Minerva Anestesiologica* 55: 239-243 (1989). **I.F. = 2.134- N° citazioni =6**
10. Schettini G., Landolfi E., Grimaldi M., Meucci O., Postiglione A., **Florio T.**, Ventra C. "Interleukin 1 β inhibition of TRH-stimulated prolactin secretion and

- phosphoinositides metabolism" *Biochemical and Biophysical Research Communications* 165: 496-505 (1989). **I.F. =2.297- N° citazioni =11**
11. Schettini G., **Florio T.**, Meucci O., Landolfi E., Grimaldi M., Scala G., Leong D.A., Marino A. "Interleukin 1 β modulation of prolactin secretion from rat anterior pituitary cells: involvement of adenylate cyclase activity and calcium mobilization" *Endocrinology* 126: 1435-1441 (1990). **I.F. = 4.503- N° citazioni =41**
 12. Marino A., **Florio T.**, Meucci O., Landolfi E., Grimaldi M., Ventra C. and Schettini G. "Fipexide improvement of cognitive functions in rat: behavioral and neurochemical studies" *Pharmacological Research* 22: 179-187 (1990). **I.F. = 4.408- N° citazioni =7**
 13. Schettini G., Landolfi E., Meucci O., **Florio T.**, Grimaldi M., Ventra C., Marino A. "Adenosine and its analogue (-)-N⁶-R-phenylisopropyladenosine modulate anterior pituitary adenylate cyclase activity and prolactin secretion" *Journal of Molecular Endocrinology* 5: 69-79 (1990). **I.F. = 3.081- N° citazioni =16**
 14. Schettini G., **Florio T.**, Meucci O., Landolfi E., Grimaldi M., Ventra C., Marino A. "Interleukin 1 modulation of anterior pituitary function: effects on prolactin release and post-receptor transducing mechanisms" *Annals of New York Academy of Sciences* 594: 489-491 (1990). **I.F. = 4.383- N° citazioni =3**
 15. Schettini G., Meucci O., Grimaldi M., **Florio T.**, Landolfi E., Scorziello A., Ventra C. "Dihydropyridine modulation of voltage-activated calcium channels in PC12 cells: effect of pertussis toxin pretreatment" *Journal of Neurochemistry* 56: 805-811 (1991). **I.F.= 4.281- N° citazioni =11**
 16. **Florio T.**, Ventra C., Rapanà A., Scorziello A., Coccozza Di Montanara E., Talia S., Postiglione A., Marino A., Schettini G. "Dihydroergotoxine treatment improves active avoidance performance and increases dopamine-stimulated adenylate cyclase activity, in young and aged rats" *Behavioural Pharmacology* 2: 31-36 (1991). **I.F.= 2.148- N° citazioni =1**
 17. **Florio T.**, Ventra C., Postiglione A., Schettini G. "Age-related alterations of somatostatin gene expression in different rat brain areas" *Brain Research* 557: 64-68 (1991). **I.F. = 2.843- N° citazioni =23**
 18. Schettini G., Grimaldi M., Landolfi E., Meucci O., Ventra C., **Florio T.**, Scorziello A., Marino A. "Role of interleukin-6 in the neuroendocrine system" *Acta Neurologica* 13: 361-367 (1991). (REVIEW) - **N° citazioni =13**
 19. Schettini G., Ventra C., **Florio T.**, Meucci O., Grimaldi M., Scorziello A., Talia S. "Molecular mechanisms mediating the effects of L- α -glyceryl phosphorylcholine, a new cognition enhancing drug, on behavioral and biochemical parameters in young and aged rats" *Pharmacology, Biochemistry and Behavior* 43: 139-151 (1992). **I.F. = 2.781- N° citazioni =10**
 20. Schettini G., Ventra C., **Florio T.**, Grimaldi M., Meucci O., Marino A. "Modulation by GTP of basal and agonist-stimulated striatal adenylate cyclase activity following

- chronic blockade of D-1 and D-2 dopamine receptors: involvement of G-proteins in the development of dopamine receptor super-sensitivity" *Journal of Neurochemistry* 59: 1667-1674 (1992). **I.F. = 4.281- N° citazioni =17**
21. Pan M.-G., **Florio T.**, Stork P.J.S. "G-protein activation of a hormone-stimulated phosphatase in human tumor cells" *Science* 256: 1215-1217 (1992). **I.F. = 33.611- N° citazioni =239**
 22. Meucci O., Landolfi E., Scorziello A., Grimaldi M., Ventra C., **Florio T.**, Avallone A., Schettini G. "Dopamine and somatostatin inhibition of prolactin secretion from MMQ pituitary cells: role of adenosine triphosphate-sensitive potassium channels" *Endocrinology* 131: 1942-1947 (1992). **I.F. = 4.503- N° citazioni =19**
 23. Grimaldi M., Meucci O., Scorziello A., **Florio T.**, Ventra C., De Mercato R., Schettini G. "Interleukin 6 modulation of second messenger systems in anterior pituitary cells" *Life Sciences* 51: 1243-1248 (1992). **I.F. = 2.702- N° citazioni =13**
 24. **Florio T.**, Pan M.-G., Newman B., Hershberger R.E., Civelli O., Stork P.J.S. "Dopaminergic inhibition of DNA synthesis in pituitary tumor cells is associated with phosphotyrosine phosphatase activity" *The Journal of Biological Chemistry* 267: 24169-24172 (1992). **I.F. = 4.573- N° citazioni =94**
 25. **Florio T.**, Meucci O., Grimaldi M., Ventra C., Cocozza E., Avallone A., Postiglione A., Marino A., Schettini G. "Effect of acetyl-L-carnitine treatment on brain adenylate cyclase activity in young and aged rats" *European Neuropsychopharmacology* 3: 95-101 (1993). **I.F. = 4.369- N° citazioni =3**
 26. Pan M.-G., Rim C., Lu K.-P., **Florio T.**, Stork P.J.S. "Cloning and expression of two structurally distinct receptor-linked protein tyrosine phosphatase generated by RNA processing from a single gene" *The Journal of Biological Chemistry* 268: 19284-19291 (1993). **I.F. = 4.573- N° citazioni =54**
 27. Hershberger R.E., Newman B.E., **Florio T.**, Bunzow J., Civelli O., Li X.J., Forte M., Stork P.J.S. "The somatostatin receptors SSTR1 and SSTR2 are coupled to inhibition of adenylyl cyclase in CHO cells via pertussis toxin sensitive pathways" *Endocrinology* 134: 1277-1285 (1994). **I.F. = 4.503- N° citazioni =43**
 28. **Florio T.**, Rim C., Hershberger R.E., Loda M., Stork P.J.S. "The somatostatin receptor SSTR1 is coupled to phosphotyrosine phosphatase activity in CHO-K1 cells" *Molecular Endocrinology* 8: 1289-1297 (1994). **I.F. = 4.022- N° citazioni =82**
 29. Meucci O., Scorziello A., Avallone A., **Florio T.**, D'Alto V., Fattore M., Schettini G. " α_{1B} , but not α_{1A} , adrenoreceptor activates calcium influx through the stimulation of a tyrosine kinase/phosphotyrosine phosphatase pathway, following noradrenaline-induced emptying of IP₃ sensitive calcium stores, in PC Cl3 thyroid cell line" *Biochemical Biophysical Research Communications* 209: 630-638 (1995). **I.F.=2.297- N° citazioni =25**
 30. **Florio T.**, Scorziello A., Fattore M., D'Alto V., Salzano S., Rossi G., Berlingieri M.T., Fusco A., Schettini G. "Somatostatin inhibits PC Cl3 thyroid clonal cell

- proliferation through the modulation of phosphotyrosine phosphatase activity: impairment of the somatostatinergic effects by stable expression of E1A viral oncogene" *The Journal of Biological Chemistry* 271: 6129-6136 (1996). **I.F. = 4.573- N° citazioni =70**
31. Scorziello A., Meucci O., **Florio T.**, Fattore M., Forloni G., Salmona M., Schettini G. "β25-35 alters calcium homeostasis and induces neurotoxicity in cerebellar granule cells" *Journal of Neurochemistry* 66: 1995-2003 (1996). **I.F. = 4.281- N° citazioni =40**
32. **Florio T.**, Perrino B.A., Stork P.J.S. "Cyclic 3,5 adenosine monophosphate and cyclosporin A inhibit cellular proliferation and serine/threonine phosphatase activity in pituitary cells" *Endocrinology* 137: 4409-4418 (1996). **I.F. = 4.503- N° citazioni =15**
33. **Florio T.**, Thellung S., Schettini G. "Intracellular transducing mechanisms modulated by activated brain somatostatin receptors" (REVIEW) *Pharmacological Research* 33: 297-305 (1996). **I.F. = 4.408- N° citazioni =11**
34. Colucci-D'Amato G.L., D'Alessio A., Filliatreau G., **Florio T.**, Di Gamberardino L., Vecchio G., Fusco A., Santoro M., de Franciscis V. "Presence of physiologically stimulated *RET* in adult rat brain: induction of *RET* expression during nerve regeneration" *Cell Growth and Differentiation* 7: 1081-1086 (1996). **I.F.= 4.380- N° citazioni =20**
35. **Florio T.**, Schettini G. "Multiple intracellular effectors modulate physiological functions of the cloned somatostatin receptors" (REVIEW) *Journal of Molecular Endocrinology* 17: 89-100 (1996). **I.F. = 3.081- N° citazioni =58**
36. **Florio T.**, Grimaldi M., Scorziello A., Salmona M., Bugiani O., Tagliavini F., Forloni G., Schettini G. "Intracellular calcium rise through the L-type calcium channel, as molecular mechanism for prion protein fragment 106-126-induced astroglial proliferation" *Biochemical and Biophysical Research Communications* 228: 397-405 (1996). **I.F. = 2.297- N° citazioni =61**
37. Grimaldi M., **Florio T.**, Schettini G. "Somatostatin inhibits interleukin 6 release from rat cortical type I astrocytes, via the inhibition of adenylyl cyclase" *Biochemical and Biophysical Research Communications* 235: 242-248 (1997). **I.F. = 2.297- N° citazioni =23**
38. Scorziello A., **Florio T.**, Bajetto A., Thellung S., Schettini G. "TGF-β1 prevents gp120-induced impairment of Ca⁺⁺ homeostasis and rescues cortical neurons from apoptotic death" *Journal of Neuroscience Research*, 49: 600-607 (1997). **I.F. = 2.594 - N° citazioni =42**
39. **Florio T.**, Scorziello A., Thellung S., Salzano S., Berlingieri M.T., Fusco A., Schettini G. "Oncogene transformation of PC Cl3 clonal thyroid cell line induces an autonomous pattern of proliferation that correlates with a loss of basal and stimulated

- phosphotyrosine phosphatase activity” *Endocrinology* 138: 3756-3763 (1997). **I.F. = 4.503- N° citazioni =23**
40. Scorziello A., **Florio T.**, Bajetto A., Schettini G. “Intracellular signalling mediating HIV-1 gp120 neurotoxicity” (REVIEW) *Cellular Signalling* 10: 75-84 (1998). **I.F.= 4.154- N° citazioni =20**
41. **Florio T.**, Thellung S., Amico C., Robello M., Salmona M., Bugiani O., Tagliavini F., Forloni G., Schettini G. “Prion protein fragment 106-126 induces apoptotic cell death and impairment of L-type voltage sensitive calcium channel activity in the GH3 cell line” *Journal of Neuroscience Research* 54: 341-352 (1998). **I.F. = 2.594- N° citazioni =65**
42. **Florio T.**, Yao H., Carey K.D., Dillon T.J., Stork P.J.S. “Somatostatin activation of mitogen-activated protein kinase via somatostatin receptor 1 (SSTR1)” *Molecular Endocrinology* 13: 24-37 (1999). **I.F. = 4.022- N° citazioni =112**
The proposed mechanisms was reproduced in a diagram in the front cover of the printed issue.
43. Thellung S., **Florio T.**, Maragliano A., Cattarini G. Schettini G. “Polydeoxyribonucleotides enhance the proliferation of human skin fibroblasts: involvement of A₂, purinergic receptor subtypes” *Life Sciences* 64: 1661-1674 (1999). **I.F. = 2.702- N° citazioni =36**
44. Albin A., **Florio T.**, Giunciuglio D., Masiello L., Carlone S., Corsaro A., Thellung S., Cai T., Noonan D.M., Schettini G. “Somatostatin controls Kaposi’s sarcoma tumor growth through inhibition of angiogenesis” *FASEB Journal* 13: 647-655 (1999). **I.F. = 5.043- N° citazioni =97**
45. Bajetto A., Bonavia R., Barbero S., **Florio T.**, Costa A., Schettini G. “Expression of chemokine receptors in the rat brain” *Annals of the New York Academy of Sciences* 867: 201-209 (1999). **I.F. = 4.383- N° citazioni =57**
46. **Florio T.**, Thellung S., Arena S., Corsaro A., Spaziante R., Gussoni G., Acuto G., Giusti M., Giordano G., Schettini G. “Somatostatin and its analogue lanreotide inhibit the proliferation of dispersed human non-functioning pituitary adenoma cells *in vitro*” *European Journal of Endocrinology* 141: 396-408 (1999). **I.F. = 4.069- N° citazioni =59**
47. Valenti S., Thellung S., **Florio T.**, Giusti M., Schettini G., Giordano G. “A. novel mechanism for the melatonin inhibition of testosterone secretion by rat Leydig cells: reduction of GnRH-induced cytosolic Ca²⁺ rise” *Journal of Molecular Endocrinology* 23: 299-306 (1999). **I.F. = 3.081 - N° citazioni =15**
48. Bajetto A., Bonavia R., Barbero S., Piccioli P., Costa A., **Florio T.**, Schettini G. “Glial and neuronal cells express functional chemokine receptor CXCR4 and its natural ligand stromal cell-derived factor 1” *Journal of Neurochemistry* 73: 2348-2357 (1999). **I.F. = 4.281- N° citazioni =164**

49. **Florio T.**, Bajetto A., Thellung S., Arena S., Corsaro A., Bonavia R., Merlino M., Schettini G. “Prolonged treatment with α -glycerylphosphorylethanolamine facilitates the acquisition of an active avoidance behavior and selectively increases neuronal signal transduction in rats” *Aging. Clinical and Experimental Research* 11: 335-342 (1999). **I.F. = 1.215- N° citazioni =2**
50. Ciccarelli R., Di Iorio P., D’Alimonte I., Giuliani P., **Florio T.**, Caciagli F., Middelmiss P.J., Rathbone M.P. “Cultured astrocyte proliferation induced by extracellular guanosine involves endogenous adenosine and is raised by the co-presence of microglia” *Glia* 29: 202-211 (2000). **I.F. = 6.031- N° citazioni =62**
51. Thellung S., **Florio T.**, Corsaro A., Arena S., Salmona M., Tagliavini F., Bugiani O., Forloni G., Schettini G. “Intracellular mechanisms mediating the neuronal death and astrogliosis induced by the prion protein fragment 106-126” *International Journal of Developmental Neuroscience* 18: 481-492 (2000). **I.F. = 2.580- N° citazioni =41**
52. Giusti M., Bocca L., **Florio T.**, Foppiani L., Corsaro A., Auriati L., Spaziante R., Schettini G., Giordano G. “Cabergoline modulation of α -subunits and FSH secretion in a gonadotroph adenoma” *Journal of Endocrinological Investigation* 23: 463-466 (2000). **I.F. = 1.448- N° citazioni =11**
53. **Florio T.**, Thellung S., Arena S., Corsaro A., Bajetto A., Schettini G., Stork P.J.S. “Somatostatin receptor 1 (SSTR1)-mediated inhibition of cell proliferation correlates with the activation of the MAP kinase cascade: role of the phosphotyrosine phosphatase SHP-2” (REVIEW) *Journal of Physiology (Paris)* 94: 239-250 (2000). **I.F. = 1.899- N° citazioni =59**
54. Thellung S., **Florio T.**, Villa V., Corsaro A., Arena S., Amico C., Robello M., Salmona M., Forloni G., Bugiani O., Tagliavini F., Schettini G. “Apoptotic cell death and impairment of L-type voltage sensitive calcium channel activity in rat cerebellar granule cells treated with the prion protein fragment 106-126” *Neurobiology of Disease* 7: 299-309 (2000). **I.F. = 5.087- N° citazioni =55**
55. Bajetto A., Barbero S., Bonavia R., Piccioli P., Pirani P., **Florio T.**, Schettini G. “Stromal cell-derived factor-1 α induces astrocyte proliferation through the activation of extracellular signal-regulated kinases 1/2 pathway” *Journal of Neurochemistry* 77: 1226-1236 (2001). **I.F. = 4.281- N° citazioni =143**
56. Bajetto A., Bonavia R., Barbero S., **Florio T.** and Schettini G. “Chemokines and their receptors in the central nervous system” (REVIEW) *Frontiers in Neuroendocrinology* 22:147-184 (2001). **I.F. = 7.037- N° citazioni =229**
57. Di Iorio P., Caciagli F., Giuliani P., Ballerini P., Ciccarelli R., Sperling O., Zoref-Shani E., Benowitz L., Traversa U., Bombi G., **Florio T.**, Virgilio A., Andrew C.M., Crocker C.E., Werstiuk E.S., Middelmiss P.J., Rathbone M.P. “Purine nucleosides protect injured neurons and stimulate neuronal regeneration by intracellular and membrane receptor-mediated mechanisms” *Drug Development Research* 52: 303-315 (2001). **I.F. = 0.767- N° citazioni =23**

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