

PERSONAL INFORMATION

Tullio FLORIO

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Sex M | Date of birth 07/04/1960 | Nationality Italian

ACTUAL POSITION

ASSOCIATE PROFESSOR OF PHARMACOLOGY

WORK EXPERIENCE

November 2002-to date

Professor of Pharmacology

Medical-Pharmaceutical School, University of Genova, Italy

- Teaching and scientific research
Pharmacology and Neuropharmacology

November 1998-October 2002

Professor of Pharmacology

Medical School, University G. D'Annunzio di Chieti, Italy

- Teaching and scientific research
Pharmacology and Neuropharmacology

July 1997- November 1997

Visiting scientist

Vollum Institute for Advanced Biomedical Research, Oregon Health Sciences University, Portland Oregon, USA

- Scientific research
Molecular & cell biology

July 1990 - august 1993

Post-doctoral fellow

Vollum Institute for Advanced Biomedical Research, Oregon Health Sciences University, Portland Oregon, USA

- Scientific research
Molecular & cell biology

EDUCATION AND TRAINING

1991-1994

Ph.D in Neuropharmacology and toxicology

University of Naples Federico II , Napoli, Italy

- Pharmacology of antiproliferative peptides

1987-1990

Residency in Endocrinology

University of Naples Federico II Napoli, Italy

- Neuroendocrinoimmunology

Magna cum laude

1980-1987

Medical Doctor

University of Naples Federico II Napoli, Italy

- Pharmacology of hormone secretion

Magna cum laude

Mother tongue(s)

ITALIAN

Other language(s)

ENGLISH

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
EXCELLENT	EXCELLENT	GOOD	GOOD	GOOD

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

▪ **Good communication skills gained through my experience as teacher and speaker at international meetings**

Computer skills

▪ Good

ADDITIONAL INFORMATION

RESEARCH ACTIVITY

(see below)

SCIENTIFIC RESEARCH ACTIVITY:

Publications

Author of 181 publication in international scientific journals, 21 Chapters in book or Meetings' Proceedings, 18 short communications, and 360 abstracts of presentation at scientific meetings

BIBLIOMETRIC INDICES:

Impact Factor: total 719.9, mean 4.2, mean 30 best publications 7.5;

total citations number 5312; h index 41 (SCOPUS)

Projects

Main themes of research

1) Neuropharmacology (identification of the molecular mechanisms of neurotoxicity induced by amyloid peptides, identification of novel neuroprotective pharmacological approaches)

2) Oncological pharmacology (characterization of the pharmacological sensibility of cancer stem cells isolated from human glioblastomas and breast carcinomas; establishment of a comparative oncology model for breast cancer using canine and feline CSC; identification of the molecular mechanisms of the antiproliferative effects of somatostatin and dopamine receptor agonists, bispecific chimere and metformin)

Memberships

- Review Editor of Frontier in Neuroscience (Neuroendocrine section)

- Member of the Editorial Board of "Anticancer Drugs", "World Journal of Pharmacology", & "Journal of Hormones"

- Member of the Italian Society of Pharmacology, The Endocrine Society, Society for Neuroscience, European Neuroendocrine association, International Brain Research Organization, International Regulatory Peptides Society

Honours and awards

- PRINCIPAL INVESTIGATOR IN THE FOLLOWING PROJECTS APPROVED FOR FINANCING (only currently active or just completed projects are listed):

-Research project Italian association for Cancer Research (AIRC): Cancer stem cell transdifferentiation in glioblastoma angiogenesis and invasiveness: role of CXCR4 and CXCR7 (2013-2015)

- Research project Italian Ministry for University and Research (MiUR) "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)

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

- Research project Fondazione Buzzi Unicem: Identificazione dei meccanismi di resistenza e nuovi target molecolari in cellule staminali derivate da mesotelioma pleurico maligno umano" (2013-2014)

Research project "Ricerca Corrente IZS-PLV": Caratterizzazione morfologica e molecolare delle cellule staminali e primarie nell'osteosarcoma canino: sviluppo di un modello animale in oncologia comparata (2013-2014)

- Research project Compagnia di San Paolo "Studio dei dettagli molecolari della conversione della proteina prionica nella forma neurotossica per individuare nuovi target farmacologici" (2014-2016)

References

- EDITORIAL ACTIVITY

Contribute to the publication of the following books:

Il 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)

Partecipazione alla stesura del trattato "Biotecnologie" di Aldo Pagano, Helen Kreuzer, Adrienne Massey, Zanichelli Editore (Bologna) (2014)

18/12/2015

ANNEXES

LIST of the publications of 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., Cocozza 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 supersensitivity" *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. “ β 25-35 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 Giamberardino 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- β 1 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., Middeldmiss 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., Middlemiss 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**
58. **Florio T.**, Arena S., Thellung S., Iuliano R., Corsaro A., Massa A., Pattarozzi A., Bajetto A., Trapasso F., Fusco A., Schettini G. “The activation of the phosphotyrosine phosphatase η (r-PTP η) is responsible for the somatostatin inhibition of PC Cl3 thyroid cell proliferation” *Molecular Endocrinology* 15: 1838-1852 (2001). **I.F. = 4.022- N° citazioni =44**
59. Piccioli P., Porcile C., Stanzione S., Bisaglia M., Bajetto A., Bonavia R., **Florio T.**, Schettini G. “Inhibition of nuclear factor- κ B activation induces apoptosis in cerebellar granule cells” *Journal of Neuroscience Research* 66: 1064-1073 (2001). **I.F. = 2.594- N° citazioni =46**
60. **Florio T.**, Schettini G. “Somatostatin and its receptors. Role in the control of cell proliferation” (REVIEW) *Minerva Endocrinologica* 26: 91-102 (2001). **I.F. = 1.464- N° citazioni =3**
61. Corsaro A., Thellung S., Arena S., Villa V., Noonan D., Albin A., Schettini G. and **Florio T.** “Somatostatinergic control of Kaposi’s sarcoma growth through the inhibition of angiogenesis” *Minerva Endocrinologica* 26: 273-276 (2001). **I.F. = 1.464**
62. **Florio T.**, Arena S., Thellung S., Iuliano R., Corsaro A., Massa A., Villa V., Pattarozzi A., Diana F., Fusco A., Schettini G. “The activation of the phosphotyrosine phosphatase eta is responsible for the

- somatostatin inhibition of PC Cl3 thyroid cell proliferation” *Minerva Endocrinologica* 26: 277-283 (2001). **I.F. = 1.464**
63. Thellung S., Villa V., Corsaro A., Arena S., Millo E., Damonte G., Benatti U., Tagliavini F., **Florio T.**, Schettini G. “p38 MAP kinase mediates the cell death induced by PrP106-126 in the SH-SY5Y neuroblastoma cells” *Neurobiology of Disease* 9: 69-81 (2002). **I.F. = 5.087- N° citazioni =56**
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