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“Procedura valutativa per la copertura di n. 1 posto di Professore Universitario di seconda fascia per il Settore concorsuale 05/H1– Settore scientifico disciplinare BIO/16 presso il Dipartimento di Scienze Anatomiche, Istologiche, Medico-Legali e dell’Apparato Locomotore – Facoltà di Farmacia e Medicina – codice concorso 2019PAR056”

Decreto Rettore Università di Roma “La Sapienza” n 118/2020 del 14/01/2020

CINZIA FABRIZI

Curriculum Vitae

Rome

January 28, 2020

Part I – General Information

Full Name	Cinzia Fabrizi
Date of Birth	April 12, 1964
Place of Birth	Rome - Italy
Citizenship	Italian
Permanent Address	
Mobile Phone Number	
E-mail	cinzia.fabrizi@uniroma1.it
Spoken Languages	Italian and English

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
PhD	1996	Sapienza University	Neuroscience
Post-graduate studies	1992	Sapienza University	Postgraduate scholarship in Neurobiology
University graduation	1989	Sapienza University	Degree in Biological Sciences

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
2017	today	ASN 2016	Suitable for the role of Associate Professor, sector 05H1/BIO16 (Human Anatomy)
2007	today	Sapienza University	Appointed Researcher, disciplinary sector BIO16 (Human Anatomy), Faculty of Medicine and Surgery
2003	2005	Sapienza University	Assegno di ricerca
2000	2002	University of “Roma Tre”	Assegno di ricerca
1998	1999	University of Edinburgh, UK	Telethon Post-doctoral fellowship

IIIB – Other Appointments

Start	End	Institution	Position
2012	2014	Sapienza University	Member of the PhD committee on “Morfo-functional studies and biophysics”
2010	2012	Sapienza University	Member of the PhD committee on “Biophysics”
2005	2006	Roma Tre University	Research contract from Signa-tau spa (Pomezia, Italy)
2000	2003	Roma Tre University	Research contract from Signa-tau spa (Pomezia, Italy)
1991	1992	Sapienza University	Research contract from Fidia Research Foundation (Abano Terme, Italy)

Part IV – Teaching experience

Year	Institution	Lecture/Course
2012-today	Sapienza University – Polo Pontino	Human Anatomy I – Degree course in Medicine and Surgery “E”- coordinator
2008-today	Sapienza University – Polo Pontino	Morphological and functional basis of the human body (Human Anatomy section) – Degree course in Orthopaedics Techniques
2010-today	Sapienza University	Morphological and functional basis of the human body (Human Anatomy section) – Degree course in Neurophysiopathology Techniques
2019-today	Sapienza University – Sede Priverno	Anatomical and physiological basis of human body (Human Anatomy section) – Degree course in Childhood Neuro and Psicomotricity
2017-today	Sapienza University	Human Anatomy (3/6 CFU) – Degree course in Pharmaceutical Chemistry and Technology
2017-today	Sapienza University	Human Anatomy I (1/5 CFU) – Degree course in Medicine and Surgery “B”
2009-2012	Sapienza University – Polo Pontino	Human Anatomy III (2/6 CFU) – Degree course in Medicine and Surgery “E”
2004-2007	Sapienza University	Human Anatomy – Degree course in Pharmacological and Scientific information

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Part V - Society memberships, Awards and Honors

Year	Title
2018	Member of the Editorial Board of Frontiers in Neuroscience (Neuroanatomy section) and Neurotoxicity Research
2018	Member of GISN (Gruppo Italiano per lo studio della Neuromorfologia)
2008	Member of the Italian Society of Human Anatomy and Histology (SIAI)
2008	Referee for Acta Neurobiologie Experimentalis, Eur J of Pharmacol, Frontiers in Neuroscience, Histology and Histopathology, J of Biological Regulators, J of Case Reports in Medical Science, J of Neural Transmission, Neurochemistry International,

Redox Biology.

Part VI - Funding Information [grants as PI-principal investigator]

Year	Title	Program	Grant value
2019	Protease activated receptors in Schwann cells [PI]	Sapienza University/ University grants	10.000
2018	Analysis of the thrombin pathway in Schwann cells and its role in peripheral nerve repair and regeneration [PI]	Sapienza University/ University grants	10.000
2008	Analisi del protease activated receptor-1 nei gliomi e studio del suo ruolo come potenziale fattore anti-apoptotico [PI]	Sapienza University, Faculty grant	2.400

Part VI - Funding Information [grants as I-investigator]

2013	In vitro study on the role of autophagy in neurodegenerative processes induced by environmental toxic molecules (PI Prof. L. Fumagalli)	Sapienza University/ University grants	11.000
2011	Role of lithium in the autophagic processes of rat astrocytes (PI Prof. L. Fumagalli)	Sapienza University/ University grants	8.800
2010	Lithium as neuroprotective agent: a study on the role of autophagy in an in vitro model of neurodegeneration induced by trimethyltin (PI Prof. L. Fumagalli)	Sapienza University/ University grants	10.000
2009	Protease-activated receptors in the cardiovascular system (PI Prof. L. Fumagalli)	Sapienza University/ University grants	5.000
2009	Proteolytic signals in tissues: thrombin and its receptors (PI Prof. L. Fumagalli)	Sapienza University/ University grants	2.400
2008	Facial nerve lesions: neurotrophic factors and nerve repair mechanisms in the extracellular matrix (PI Prof. L. Fumagalli)	Ministero dell'Istruzione, dell'Università e della Ricerca, PRIN 2008	69.897
2008	Protease activated receptors (PARs) in the nervous and cardiovascular systems (PI Prof. L. Fumagalli)	Sapienza University/ University grants	10.000
2007	Receptors for proteases and their inhibitors in inflammatory and degenerative processes (PI Prof. L. Fumagalli)	Sapienza University/ Faculty grants	8.000
2007	Role of the protease activated receptors (PARs) in the nervous	Sapienza University/ Faculty grants	2.400

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	system and cardiovascular system (PI Prof. L. Fumagalli)		
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Part VII – Research Activities

Keywords

Nervous system glia Protease-activated receptors neuroinflammation autophagy	<p>Study of different aspects of glial cell biology (astrocytes and microglia in the CNS and Schwann cells in the PNS) and of the complex process of glial cell activation induced by toxic and pro-inflammatory stimuli both in vivo and in vitro.</p> <p>Analysis in vitro of the induction of autophagy and the formation of autophagosomes in different populations of neurons and glial cells exposed to environmental toxins.</p> <p>The role of the thrombin receptor PAR-1 as a key regulator of cell proliferation and inflammation in stem cells and glia.</p> <p>These projects were run in collaboration with national and international groups: 1) Prof. Lorenzo Fumagalli, Department of Anatomy, Histology, Forensic Medicine and Orthopedics, Sapienza University of Rome, Italy; 2) Prof. Maria Eugenia Schininà, Department of Biochemical Sciences, Sapienza University of Rome, Italy; 3) Prof. Francesco Fornai, Department of Translational Research, University of Pisa, Italy; 4) Prof. Peter James Brophy, Medical School, Centre for Neurodegeneration, Edinburgh, UK.</p>
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Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	44	Scopus	1992	2020
Papers [international]	56	WoS	1992	2020

Total Impact factor	161,368
Total Citations	3306 Scopus; 3209 WoS
Average Citations per Product	75,13 Scopus
Hirsch (H) index	17 Scopus; 17 WoS
Normalized H index*	0,61

*H index divided by the academic seniority.

Part IX– Selected Publications

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

		IF	Scopus	WoS
12	Pompili E.*, Fabrizi C.*, Fornai F., Fumagalli L. (2019) Role of the	2.903	0	0

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	protease-activated receptor 1 in regulating the function of glial cells within central and peripheral nervous system. J Neural Transmis 126:1259-1271. * <i>These authors contributed equally to this work</i> DOI: 10.1007/s00702-019-02075-z; ISSN: 0300-9564			
11	Correani V., Di Francesco L., Mignogna G., Fabrizi C., Leone S., Giorgi A., Passeri A., Casata R., Fumagalli L., Maras B., Schininà M.E. (2017) Plasma membrane protein profiling in beta-amyloid-treated microglia cell line. Proteomics . 17(17-18). DOI: 10.1002/pmic.201600439; ISSN: 1615-9853	3.532	4	4
10	Pompili E.*, Fabrizi C.*, Somma F., Correani V., Maras B., Schininà M.E., Ciraci V., Artico M., Fornai F., Fumagalli L. (2017) PAR1 activation affects the neurotrophic properties of Schwann cells. Mol Cell Neurosci . 79:23-33 * <i>These authors contributed equally to this work</i> DOI: 10.1016/j.mcn.2017.01.001; ISSN: 1044-7431	3.312	2	2
9	Fabrizi C., Pompili E., Somma F., De Vito S., Ciraci V., Artico M., Lenzi P., Fornai F., Fumagalli L. (2017) Lithium limits trimethyltin-induced cytotoxicity and proinflammatory response in microglia without affecting the concurrent autophagy impairment. J Appl Toxicol . 37(2):207-213. DOI: 10.1002/jat.3344; ISSN: 0260-437X	2.909	4	5
8	Fabrizi C., Pompili E., De Vito S., Somma F., Catizone A., Ricci G., Lenzi P., Fornai F., Fumagalli L. (2016) Impairment of the autophagic flux in astrocytes intoxicated by trimethyltin. Neurotoxicology . 52:12-22. DOI: 10.1016/j.neuro.2015.10.004; ISSN: 0161-813X	3.1	9	8
7	Eufemi M., Cocchiola R., Romaniello D., Correani V., Di Francesco L., Fabrizi C., Maras B., Schininà M.E. (2015) Acetylation and phosphorylation of STAT3 are involved in the responsiveness of microglia to beta amyloid. Neurochem Int 81:48-56. DOI: 10.1016/j.neuint.2015.01.007; ISSN: 0197-0186	3.385	11	14
6	Fabrizi C., Somma F., Pompili E., Biagioni F., Lenzi P., Fornai F., Fumagalli L. (2012) Role of autophagy inhibitors and inducers in modulating the toxicity of trimethyltin in neuronal cell cultures. J Neural Transmission 119(11):1295-305. DOI: 10.1007/s00702-012-0785-z; ISSN: 0300-9564	3.052	17	13
5	Di Francesco L.*, Correani V.*, Fabrizi C.*, Fumagalli L., Mazzanti M., Maras B., Schininà M.E. (2012) 14-3-3ε marks the amyloid-stimulated microglia long-term activation. Proteomics 12 (1): 124-134. * <i>These authors contributed equally to this work</i> DOI: 10.1002/pmic.20110011; ISSN: 1615-9853	4.132	16	17
4	Pompili E., Fabrizi C., Nori S.L., Panetta B., Geloso M.C., Corvino V., Michetti F., Fumagalli L. (2011) Protease-activated receptor-1 expression in rat microglia after trimethyltin treatment J Histochem Cytochem . 59(3):302-11. DOI: 10.1369/002215541039799; ISSN: 0022-155	2.725	16	16
3	Lo Vasco V.R., Fabrizi C., Fumagalli L., Cocco L. (2010) Expression of phosphoinositide-specific phospholipase C isoenzymes in cultured astrocytes activated after stimulation with lipopolysaccharide. J Cell Biochem . 109(5):1006-12. DOI: 10.1002/jcb.22480; ISSN: 0730-2312	3.122	31	27

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2	Fabrizi C., Pompili E., Panetta B., Nori S.L., Fumagalli L. (2009) Protease-activated receptor-1 regulates cytokine production and induces suppressor of cytokine signalling-3 in microglia. Int J Mol Med , 24(3):367-71. DOI: 10.3892/ijmm.00000241; ISSN: 1107-375	1.98	18	18
1	Paradisi S., Matteucci A., Fabrizio C., Denti M.A., Abeti R., Breit S.N., Malchiodi-Albedi F., and Mazzanti M. (2008) Blockade of chloride intracellular ion channel 1 stimulates Abeta phagocytosis. J Neurosci Res . 86(11):2488-98. DOI: 10.1002/jnr.21693; ISSN: 0360-4012	3.086	18	17

Part X – Complete scientific achievements
List of international papers (Scopus)

44

Pompili E.*, Fabrizi C.*, Fornai F., Fumagalli L. (2019) Role of the protease-activated receptor 1 in regulating the function of glial cells within central and peripheral nervous system. **J Neural Transmis** 126:1259-1271. * *These authors contributed equally to this work*
DOI: 10.1007/s00702-019-02075-z; ISSN: 03009564
Scopus 0; Wos 0; IF 2.903

43

Correani V., Di Francesco L., Mignogna G., Fabrizio C., Leone S., Giorgi A., Passeri A., Casata R., Fumagalli L., Maras B., Schininà M.E. (2017) Plasma membrane protein profiling in beta-amyloid-treated microglia cell line. **Proteomics**. 17(17-18).
ISSN: 16159853; DOI: 10.1002/pmic.201600439
Scopus 4; WoS 4; IF 3.532

42

Pompili E.*, Fabrizi C.*, Somma F., Correani V., Maras B., Schininà M.E., Ciraci V., Artico M., Fornai F., Fumagalli L. (2017) PAR1 activation affects the neurotrophic properties of Schwann cells. **Mol Cell Neurosci**. 79:23-33. * *These authors contributed equally to this work*
DOI: 10.1016/j.mcn.2017.01.001; ISSN: 1044-7431
Scopus 2; Wos 2; IF 3.312

41

Fabrizi C., Pompili E., Somma F., De Vito S., Ciraci V., Artico M., Lenzi P., Fornai F., Fumagalli L. (2017) Lithium limits trimethyltin-induced cytotoxicity and proinflammatory response in microglia without affecting the concurrent autophagy impairment. **J Appl Toxicol**. 37(2):207-213.
DOI: 10.1002/jat.3344; ISSN: 0260-437X
Scopus 4; WoS 5; IF 2.909

40

Klionsky D.J., Abdelmohsen K.,...Fabrizi C.,... Zorzano A., Zughraier S.M. (2016) Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). **Autophagy** 12(1):1-222.
DOI: 10.1080/15548627.2015.1100356; ISSN: 1554-8627
Scopus 2243; WoS 2238; IF 8.593

39

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Klionsky D.J., Abdelmohsen K.,....Fabrizi C.,.... Zorzano A., Zughaier S.M. (2016) Erratum to : Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). **Autophagy** 12(2):1-443.

DOI: 10.1080/15548627.2016.1147886; **ISSN:** 15548627

Scopus 9; IF 8.593

38

Fabrizi C., Pompili E., De Vito S., Somma F., Catizone A., Ricci G., Lenzi P., Fornai F., Fumagalli L. (2016) Impairment of the autophagic flux in astrocytes intoxicated by trimethyltin. **Neurotoxicology**. 52:12-22.

DOI: 10.1016/j.neuro.2015.10.004; **ISSN:** 0161-813X

Scopus 9; Wos 8; IF 3.1

37

Correani V., Di Francesco L., Cera I., Mignogna G., Giorgi A., Mazzanti M., Fumagalli L., Fabrizi C., Maras B., Schininà M.E. (2015) Reversible redox modifications in the microglial proteome challenged by beta amyloid. **Mol Biosyst**. 11(6):1584-93.

DOI: 10.1039/c4mb00703d; **ISSN:** 1742-206X

Scopus 7; WoS 8; IF 2.829

36

Eufemi M., Cocchiola R., Romaniello D., Correani V., Di Francesco L., Fabrizi C., Maras B., Schininà M.E. (2015) Acetylation and phosphorylation of STAT3 are involved in the responsiveness of microglia to beta amyloid. **Neurochem Int** 81:48-56.

DOI: 10.1016/j.neuint.2015.01.007; **ISSN:** 0197-0186

Scopus 11; WoS 14; IF 3.385

35

Ferranti F., Caruso M., Cammarota M., Masiello M.G., Corano Scheri K., Fabrizi C., Fumagalli L., Schiraldi C., Cucina A., Catizone A., Ricci G. (2014) Cytoskeleton modifications and autophagy induction in TCam-2 seminoma cells exposed to simulated microgravity. **Biomed Res Int** 2014: 1-14.

DOI: 10.1155/2014/904396; **ISSN:** 2314-6133

Scopus 6; WoS 6; IF 1.579

34

Fabrizi C., De Vito S., Somma F., Pompili E., Catizone A., Leone S., Lenzi P., Fornai F., Fumagalli L. (2014) Lithium improves survival of PC12 pheocromocytoma cells in high-density cultures and after exposure to toxic compounds. **Int J Cell Biol** 2014:1-7.

DOI: 10.1155/2014/135908; **ISSN:** 16878876

Scopus 6

33

Mignini F., Nasuti C., Artico M., Giovannetti F., Fabrizi C., Fumagalli L., Iannetti G., Pompili E. (2012) Effects of trimethyltin on hippocampal dopaminergic markers and cognitive behaviour. **Int J Immunopathol Pharmacol** 25(4):1107-19.

DOI: 10.1177/039463201202500428; **ISSN:** 2058-7384

Scopus 14; Wos 14

32

Fabrizi C., Somma F., Pompili E., Biagioni F., Lenzi P., Fornai F., Fumagalli L. (2012) Role of

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autophagy inhibitors and inducers in modulating the toxicity of trimethyltin in neuronal cell cultures. **J Neural Transmission** 119(11):1295-305.

DOI: 10.1007/s00702-012-0785-z; **ISSN:** 0300-9564

Scopus 17; WoS 13; IF 3.052

31

Di Francesco L.*, Correani V.*, Fabrizi C.*, Fumagalli L., Mazzanti M., Maras B., Schininà M.E. (2012) 14-3-3 ϵ marks the amyloid-stimulated microglia long-term activation. **Proteomics** 12 (1): 124-134. * *These authors contributed equally to this work*

DOI: 10.1002/pmic.201100113; **ISSN:** 1615-9853

Scopus 16; WoS 17; IF 4.132

30

Fabrizi C., Angelini F., Chimenti I., Pompili E., Somma F., Gaetani R., Messina E., Fumagalli L., Giacomello A., Frati G. (2011) Thrombin and thrombin-derived peptides promote proliferation of cardiac progenitor cells in the form of cardiospheres without affecting their differentiation potential. **J Biol Reg Homeos Ag.** 25 (2 Suppl): S43-51.

ISSN: 0393974X; **PubMed ID:** 22051170

Scopus 13; IF 5.183

29

Pompili E., Fabrizi C., Nori S.L., Panetta B., Geloso M.C., Corvino V., Michetti F., Fumagalli L. (2011) Protease-activated receptor-1 expression in rat microglia after trimethyltin treatment **J Histochem Cytochem.** 59(3):302-11.

DOI: 10.1369/0022155410397996; **ISSN:** 0022-1554

Scopus 16; WoS 16; IF 2.725

28

Lo Vasco V.R., Fabrizi C., Panetta B., Fumagalli L., Cocco L. (2010) Expression pattern and sub-cellular distribution of phosphoinositide specific phospholipase C enzymes after treatment with U-73122 in rat astrocytoma cells. **J Cell Biochem.** 110(4):1005-12.

DOI: 10.1002/jcb.2261; **ISSN:** 0730-2312

Scopus 15; WoS 13; IF 3.122

27

Lo Vasco V.R., Fabrizi C., Fumagalli L., Cocco L. (2010) Expression of phosphoinositide-specific phospholipase C isoenzymes in cultured astrocytes activated after stimulation with lipopolysaccharide. **J Cell Biochem.** 109(5):1006-12.

DOI: 10.1002/jcb.22480; **ISSN:** 0730-2312

Scopus 31; WoS 27; IF 3.122

26

Fabrizi C., Pompili E., Panetta B., Nori S.L., Fumagalli L. (2009) Protease-activated receptor-1 regulates cytokine production and induces suppressor of cytokine signalling-3 in microglia. **Int J Mol Med.** 24(3):367-71.

DOI: 10.3892/ijmm_00000241; **ISSN:** 1107-375

Scopus 18; WoS 18; IF 1.98

25

Paradisi S., Matteucci A., Fabrizi C., Denti M.A., Abeti R., Breit S.N., Malchiodi-Albedi F., and

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Mazzanti M. (2008) Blockade of chloride intracellular ion channel 1 stimulates Abeta phagocytosis. **J Neurosci Res.** 86(11):2488-98.
DOI: 10.1002/jnr.21693; **ISSN:** 0360-4012
Scopus18; WoS 17; IF 3.086

24

Capone C., Fabrizi C., Piovesan P., Principato M.C., Marzorati P., Ghirardi O., Fumagalli L., Carminati P. and De Simoni M.G. (2007) 2-Aminotetraline Derivative Protects from Ischemia/Reperfusion Brain Injury with a Broad Therapeutic Window. **Neuropsychopharmacology** 32(6):1302-11.
DOI: 10.1038/sj.npp.1301255; **ISSN:** 0893-133X
Scopus13; WoS 12; IF 6.157

23

Lo Vasco V.R., Fabrizi C., Artico M., Cocco L., Billi A.M., Fumagalli L. and Manzoli F.A. (2007) Expression of phosphoinositide-specific phospholipase C isoenzymes in cultured astrocytes. **J Cell Biochem.** 100(4):952-9.
DOI: 10.1002/jcb.21048; **ISSN:** 0730-2312
Scopus27; WoS 24; IF 3.381

22

Pompili E., Fabrizi C. and Fumagalli L. (2006) PAR-1 upregulation by trimethyltin and lipopolysaccharide in cultured rat astrocytes. **Int J Mol Med** 18 (1):33-39.
ISSN: 1107-3756
Scopus 12; WoS 13; IF 1.854

21

Businaro R., Leone S., Fabrizi C., Sorci G., Donato R., Lauro G.M. and Fumagalli L. (2006) S100B protects LAN-5 neuroblastoma cells against Abeta amyloid-induced neurotoxicity via RAGE engagement at low doses but increases Abeta neurotoxicity at high doses. **J Neurosci Res** 83 (5):897-906.
DOI: 10.1002/jnr.20785; **ISSN:** 0360-4012
Scopus 67; WoS 56; IF 3.476

20

Novarino G. *, Fabrizi C. *, Tonini R. *, Denti M.A., Malchiodi-Albedi F., Lauro G.M., Sacchetti B., Paradisi S., Ferroni A., Curmi P.M., Breit S.N., Mazzanti M. (2004) Involvement of the intracellular ion channel CLIC1 in microglia-mediated beta-amyloid-induced neurotoxicity. **J Neurosci** 24 (23):5322-30.

** These authors contributed equally to this work*

DOI: 10.1523/JNEUROSCI.1170-04.2004; **ISSN:** 0270-6474
Scopus 72; WoS 70; IF 7.907

19

Cavalieri E., Mariotto S., Fabrizi C., Carcereri de Prati A., Gottardo R., Leone S., Berra L.V., Lauro G.M., Ciampa A.R. and Suzuki H. (2004) Alpha-bisabolol, a nontoxic natural compound, strongly induces apoptosis in glioma cells. **Biochem Biophys Res Commun** 315: 589-594.
DOI: 10.1016/j.bbrc.2004.01.088; **ISSN:** 0006-291X
Scopus 98; WoS 75; IF 2.904

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18

Ruggiero V., Piovesan P., Fabrizi C., Lauro G.M., Campo S., Albertoni C., Nucera E., Carminati P. and Ghirardi O. (2004) In vivo and in vitro cytokine modulatory activity of newly synthesised 2-aminotetraline derivatives. **Shock** 21(1):77-85.

DOI: 10.1097/01.shk.0000101670.49265.86; ISSN: 1073-2322

Scopus6; WoS 5; IF 3.122

17

Businaro R., Fabrizi C., Caronti B., Calderaro C., Fumagalli L. and Lauro G.M. (2002) Myelin basic protein induces heme oxygenase-1 in human astroglial cells. **Glia** 37(1):83-8.

DOI: 10.1002/glia.10018; ISSN: 0894-1491

Scopus10; WoS 11; IF 4.600

16

Fabrizi C., Businaro R., Fumagalli L. and Lauro G.M. (2001) Role of alpha₂macroglobulin in regulating amyloid beta-protein neurotoxicity: protective or detrimental factor? **J Neurochem** 78(2):406-12.

DOI: 10.1046/j.1471-4159.2001.00419.x; ISSN: 0022-3042

Scopus 38; WoS 40; IF 4.834

15

Sherman D.L., Fabrizi C., Gillespie C.S., Brophy P.J. (2001) Specific disruption of a schwann cell dystrophin-related protein complex in a demyelinating neuropathy. **Neuron** 30(3):677-87.

DOI: 10.1016/S0896-6273(01)00327-0; ISSN: 0896-6273

Scopus 160; WoS 136; IF 14.153

14

Fabrizi C., Silei V., Menegazzi M., Salmona M., Bugiani O., Tagliavini F., Suzuki H. and Lauro G.M. (2001) The stimulation of inducible nitric-oxide synthase by the prion protein fragment 106--126 in human microglia is tumor necrosis factor-alpha-dependent and involves p38 mitogen-activated protein kinase **J Biol Chem** 276(28):25692-6.

DOI: 10.1074/jbc.M100133200; ISSN: 0021-9258

Scopus 53; WoS 50; IF 7.258

13

Silei V., Fabrizi C., Venturini G., Salmona M., Bugiani O., Tagliavini F. and Lauro G.M. (2000) Measurement of intracellular calcium levels by the fluorescent Ca²⁺ indicator calcium-green. **Brain Res Protocols** 5:132-134.

DOI: 10.1016/S1385-299X(00)00003-9; ISSN: 1385-299X

Scopus 13; WoS 13; IF 1.067

12

Colasanti M., Persichini T., Cavalieri E., Fabrizi C., Mariotto S., Menegazzi M., Lauro G.M. and Suzuki H. (1999) Rapid inactivation of NOS-1 by lipopolysaccharide plus interferon-gamma-induced tyrosine phosphorylation. **J Biol Chem** 274(15):9915-9917.

DOI: 10.1074/jbc.274.15.9915; ISSN: 0021-9258

Scopus 39; WoS 39; IF 7.666

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11

Fabrizi C., Businaro R., Lauro G.M., Starace G. and Fumagalli L. (1999) Activated alpha₂macroglobulin increases beta-amyloid (25-35)-induced toxicity in LAN5 human neuroblastoma cells. **Exp Neurol** 155:252-259.

DOI: 10.1006/exnr.1998.6978; ISSN: 0014-4886

Scopus 16; WoS 17; IF 3.26

10

Silei V., Fabrizio C., Venturini G., Salmona M., Bugiani O., Tagliavini F. and Lauro G.M. (1999) Activation of microglial cells by PrP and beta-amyloid fragments raises intracellular calcium through L-type voltage sensitive calcium channels. **Brain Res** 818:168-170.

DOI: 10.1016/S0006-8993(98)01272-4; ISSN: 0006-8993

Scopus 81; WoS 78; IF 2.302

9

Colasanti M., Persichini T., Fabrizio C., Cavalieri E., Venturini G., Ascenzi P., Lauro G.M. and Suzuki H. (1998) Expression of a NOS-III-like protein in human astroglial cell culture. **Biochem Biophys Res Commun** 252(3):552-5.

DOI: 10.1006/bbrc.1998.9691; ISSN: 0006-291X

Scopus 22; WoS 23; IF 2.78

8

Cioni C., Francia N., Fabrizio C., Colasanti M. and Venturini G. (1998) Partial biochemical characterization of nitric oxide synthase in the caudal spinal cord of the teleost *Oreochromis niloticus*. **Neurosci Lett** 253(1):68-70.

DOI: 10.1016/S0304-3940(98)00592-8; ISSN: 0304-3940

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