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Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Davide Antonio Ragozzino**
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E-mail	[redacted]
Nationality	Italian
Date of birth	[redacted]
Gender	Male
Occupational field	BIO/09 Physiology

Work experience

November 2006 – to present | **Associate Professor in Physiology (BIO09) at University of Rome "Sapienza"** at the Department of Human Physiology and Pharmacology, **University of Rome " Sapienza"**, performing experimental research; tutoring PhD and undergraduate students, and teaching Physiology to the Pharmacy and Biotechnology students.

July 1995 | **Assistant Professor in human Physiology** at University of Rome "Sapienza"

Education and training

1995 | **PhD in Biotechnology** at University of L'aquila, Italy..

1990 | **Degree (Laurea) in Biology (110/110 e *lode*)**, II University of Rome "Tor Vergata", Italy.

Personal skills and competences

Patch clamp recordings from neurons in slices and in culture
Confocal and wide field imaging
Cell culture (primary and lines)

Mother tongue(s) | **Italian**

Other language(s) | **English, French**

Self-assessment	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	C1	C2	C1	C1	B1

(*) Common European Framework of Reference for Languages

Scientific Publication

AUTHOR OF 40 PUBLICATIONS ON PEER REVIEWED JOURNALS

IF = 233,381

Sum of Times Cited without self-citations: 1706

H INDEX = 25

1) Di Angelantonio S, Murana E, Cocco S, Scala F, Bertollini C, Molinari MG, Lauro C, Bregestovski P, Limatola C, Ragozzino D. A role for intracellular zinc in glioma alteration of neuronal chloride equilibrium. Cell Death Dis. 2014 Oct 30;5:e1501. doi: 10.1038/cddis.2014.437.

2) Zhan Y, Paolicelli RC, Sforazzini F, Weinhard L, Bolasco G, Pagani F, Vyssotski AL, Bifone A, Gozzi A, Ragozzino D, Gross CT. Deficient neuron-microglia signaling results in impaired functional brain connectivity and social behavior. Nat Neurosci. 2014. IF 15.251

3) Silva BA, Mattucci C, Krzywkowski P, Murana E, Illarionova A, Grinevich V, Canteras NS, Ragozzino D, Gross CT. ndependent hypothalamic circuits for social and predator fear. Nat Neurosci. 2016(12):1731-3, 2013. IF 15.251

4) Catalano M, Lauro C, Cipriani R, Chece G, Ponzetta A, Di Angelantonio S, Ragozzino D, Limatola C. CX3CL1 protects neurons against excitotoxicity enhancing GLT-1 activity on astrocytes. J Neuroimmunol. 263(1-2):75-82. 2013. IF 3.033

5) Bertollini C, Murana E, Mosca L, D'Erme M, Scala F, Francioso A, Catalano M, Limatola C, Bregestovski P, Di Angelantonio S, Ragozzino D. Transient increase in neuronal chloride concentration by neuroactive aminoacids released from glioma cells. Front Mol Neurosci. 2012;5:100.

6) Paolicelli RC, Bolasco G, Pagani F, Maggi L, Scianni M, Panzanelli P, Giustetto M, Ferreira TA, Guiducci E, Dumas L, Ragozzino D, Gross CT. Synaptic pruning by microglia is necessary for normal brain development. Science. 333(6048):1456-8, 2011. IF 31.36.

7) Gozzi A, Jain A, Giovanelli A, Bertollini C, CrestanV,. Schwarz AJ, Tsetsenis T, Ragozzino D, Gross CT, Bifone A. A neural switch for active and passive fear. Neuron Gozzi A, Jain A, Giovanelli A, Bertollini C, Crestan V, Schwarz AJ, Tsetsenis T, Ragozzino D, Gross CT, Bifone A. Neuron 67(4):656-666, 2010 I.F. 13.260

8) Piccinin S, Di Angelantonio S, Piccioni A, Volpini R, Cristalli G, Fredholm BB, Limatola C, Eusebi F, Ragozzino D. CX3CL1-induced modulation at CA1 synapses reveals multiple mechanisms of EPSC modulation involving adenosine receptor subtypes. Journal of Neuroimmunology 224(1-2):85-92, 2010 I.F. 2.841

9) Sciaccaluga M, Fioretti B, Catacuzzeno L, Pagani F, Bertollini C, Rosito M, Catalano M, D'Alessandro G, Santoro A, Cantore G, Ragozzino D, Castigli E, Franciolini F, and Limatola C. CXCL12-induced glioblastoma cell migration requires intermediate-conductance Ca2+-activated K+ channel activity. American Journal of Physiology 299(1):C175-84, 2010 I.F. 4.230

10) Fioretti B, Catacuzzeno L, Sforna L, Aiello F, Pagani F, Ragozzino D, Castigli E, Franciolini F. Histamine hyperpolarizes human glioblastoma cells by activating the intermediate-conductance Ca2+-activated K+ channel. American Journal of Physiology 297(1): C102-10, 2009 I.F. 4.230

11) Griguoli M, Scuri R, Ragozzino D, Cherubini E. Activation of nicotinic acetylcholine receptors enhances a slow calcium-dependent potassium conductance and reduces the firing of stratum oriens interneurons. European Journal of Neuroscience 30(6):1011-22, 2009 I.F. 3.385

12) Lauro C, Di Angelantonio S, Cipriani R, Sobrero F, Antonilli L, Brusadin V, Ragozzino D, Limatola C. Activity of adenosine receptors type 1 is required for CX3CL1-mediated neuroprotection and neuromodulation in hippocampal neurons. Journal of Immunology. 180(11):7590-6, 2008 I.F. 6.0

13) Palma E, Ragozzino D, Di Angelantonio S, Mascia A, Maiolino F, Manfredi M, Cantore G, Esposito V, Di Gennaro G, Quarato P, Miledi R, Eusebi F. The antiepileptic drug levetiracetam stabilizes the human epileptic GABAA receptors upon repetitive activation. Epilepsia 48(10):1842-9, 2007 I.F. 3.52

14) Ragozzino D, Di Angelantonio S, Trettel F, Bertollini C, Maggi L, Gross C, Charo IF, Limatola C & Eusebi, F. Chemokine Fractalkine/CX3CL1 Negatively Modulates Active Glutamatergic Synapses in Rat Hippocampal Neurons Journal of Neuroscience 26: 10488-10498, 2006. I.F. 7.452

15) Bertollini C, Ragozzino D, Gross C, Limatola C & Eusebi F. Fractalkine/CX3CL1 depresses central synaptic transmission in mouse hippocampal slices. Neuropharmacology 51(4): 816-21, 2006. I.F. 3.383

16) Palma E, Amici M, Sobrero F, Spinelli G, Di Angelantonio S, Ragozzino D, Mascia A, Scoppetta C, Esposito V, Miledi R & Eusebi F. Anomalous levels of Cl- transporters in the hippocampal subiculum from temporal lobe epilepsy patients make GABA excitatory. Proc. Natl. Acad Sci. USA 103(22): 8465-8, 2006. I.F. 9.380

17) Ragozzino D, Palma E, Di Angelantonio S, Amici M, Mascia A, Arcella A, Giangaspero F, Cantore G, Di Gennaro G, Manfredi M, Esposito V, Quarato PP, Miledi R & Eusebi F. Run-down of GABAA-receptors is a dysfunction associated with human drug-resistant mesial temporal lobe epilepsy. Proc. Natl. Acad Sci. USA 102(42):15219-23, 2005. I.F. 9.380

18) Mukhtarov, M., Ragozzino, D., Bregestovski Dual Ca2+ modulation of glycinergic synaptic currents in rodent hypoglossal motoneurons. Journal of Physiology 569.3: 817-831, 2005 I.F. 4.649

19) Limatola C, Lauro C, Catalano M, Ciotti MT, Bertollini C, Di Angelantonio S, Ragozzino D, Eusebi F. Chemokine CX3CL1 protects rat hippocampal neurons against glutamate-mediated excitotoxicity. Journal of Neuroimmunology. 166(1-2):19-28, 2005. I.F. 3.159.

20) Palma E, Spinelli G, Torchia G, Martinez-Torres A, Ragozzino D, Miledi R, Eusebi F. Abnormal GABAA receptors from the human epileptic hippocampal subiculum microtransplanted to Xenopus oocytes. Proc Natl Acad Sci U S A 102(7):2514-8, 2005. I.F. 9.380

21) Palma E., Ragozzino D. A., Di Angelantonio S., Spinelli G., Trettel F., Martinez-Torres A., Torchia G., Arcella A., Di Gennaro G., Quarato P. P., Esposito V., Cantore G., Miledi R., and Eusebi F. Phosphatase inhibitors remove the run-down of γ-aminobutyric acid type A receptors in the human epileptic brain. Proc. Natl. Acad Sci. USA 101:10183-88, 2004. I.F. 9.380

22) Ragozzino, D. CXC chemokine receptors in the CNS: role in cerebellar neuromodulation and development. Journal of Neurovirol. 8:559-572, 2002. I.F. 1.858

23) Lax P, Limatola C, Fucile S, Trettel F, Di Bartolomeo S, Renzi M, Ragozzino D, Eusebi F. Chemokine receptor CXCR2 regulates the functional properties of AMPA-type glutamate receptor GluR1 in HEK cells. Journal of Neuroimmunology. 129(1-2):66, 2002. I.F. 3.159

24) Ragozzino, D., Renzi, M., Giovannelli, A. & Eusebi, F. Stimulation of chemokine CXC receptor 4 induces synaptic depression of evoked parallel fibers inputs onto Purkinje neurons in mouse cerebellum. Journal of Neuroimmunology 127(1-2):30-6, 2002. I.F. 3.159

25) Ragozzino, D., Giovannelli, A., Degasperi, V., Eusebi, F.& Grassi, F. zinc permeates mouse muscle ACh receptor expressed in BOSC 23 cells and affects channel function. Journal of Physiology, 529.1: 83-91, 2000. I.F. 4.649

26) Limatola, C., Ciotti, MT., Mercanti, D., Vacca, F., Ragozzino, D., Giovannelli, A., Santoni, A., Eusebi, F. & Miledi, R. The chemokine growth-related gene product protects rat cerebellar granule cells from apoptotic cell death through -amino-3-hydroxy-5-methyl-4-isoxazolepropionate receptors. Proc. Natl. Acad Sci. USA. 97.11: 6197-6201, 2000. I.F. 9.380

27) Limatola, C., Giovannelli, a., Maggi, L., Ragozzino, D., Castellani, L., Ciotti, MT., Vacca, F., Mercanti, D., Santoni, A. & Eusebi, F. SDF-1□-mediated modulation of synaptic transmission in rat cerebellum. European Journal of Neuroscience. 12: 1-8, 2000. I.F 3.385

28) Ragozzino, D., Giovannelli, A., Mileo, AM., Limatola, C., Santoni, A. and Eusebi, F. Modulation of the neurotransmitter release in rat cerebellar neurons by GRO□ Neuroreport 9: 3601-3606, 1998. I.F. 1.904

29) Giovannelli, A., Limatola, C., Ragozzino, D., Mileo, AM., Ruggieri, A., Ciotti, MT., Mercanti, D., Santoni, A. and Eusebi, F. CXC chemokines interleukin-8 (IL-8) and growth-related gene product □ (GRO□) modulate Purkinje neuron activity in mouse cerebellum. Journal of Neuroimmunology, 92: 122-132, 1998. I.F. 3.159

30) Fucile S., Matter J-M., Erkman L., Ragozzino D., Barabino B., Grassi F., Alemà S.; Ballivet M. & Eusebi F. The neuronal □6 subunit forms functional heteromeric acetylcholine receptors in human transfected cells. European Journal of Neuroscience, 10: 172-178, 1998. I.F 3.385

31) Ragozzino, D. Barabino, B., Fucile, S. and Eusebi, F. Ca2+ permeability of mouse and chick nicotinic acetylcholine receptors expressed in transiently transfected human cells. Journal of Physiology 507(3): 749-757, 1998. I.F. 4.649

32) Lorenzon, P., Giovannelli, A., Ragozzino, D., Eusebi, F. and Ruzzier, F. spontaneous and repetitive calcium transients in C2C12 mouse myotubes during in vitro myogenesis. European Journal of Neuroscience, 9: 800-808, 1997. I.F 3.385

33) Ragozzino, D., Fucile, S., Giovannelli, A., Grassi, F., Mileo, A.M., Ballivet, M., Alemà, S. and Eusebi, F. Functional properties of neuronal nicotinic acetylcholine receptors expressed in transfected human cells. European Journal of Neuroscience, 9: 480-488, 1997. I.F 3.385

34) Ragozzino, D., Woodward, R. M, Murata, Y., Eusebi, F., Overman, L. E. and Miledi, R. Design and in vitro pharmacoloy of a selective gamma-aminobutyric acidc receptor antagonist. Molecular Pharmacology 50:1024-1030, 1996. I.F 4.711

35) Khazipov, R., Ragozzino, D. And Bregestovski, P. Kinetics and Mg2+ Block Of N-methyl-d-aspartate Receptor Channels During Postnatal Development Of Hippocampal CA3 Pyramidal Neurons. Neuroscience, 69(4): 1057-1065, 1995. I.F 3.556

36) Giovannelli, A. Grassi, F., Limatola, C., Mattei, E., Ragozzino, D. and Eusebi, F. Acetylcholine-activated Inward Current Induces Cytosolic Ca2+ Mobilization in Mouse C2C12 Myotubes. Cell Calcium 18:41-50, 1995. I.F 4.481

37) Ben-ari, Y. Tseeb, V., Ragozzino, D., Khazipov, R., Gaiarsa, Jl. Gamma-aminobutyric-acid (GABA) a Fast Excitatory Transmitter Which May Regulate the Development of Hippocampal Neurons in Early Postnatal Life. Progress In Brain Research 102: 261-273, 1994. I.F 3.253

38) Ragozzino, D. And Eusebi, F. Inhibition of GABA and Glycine Responses by Glutamate in Rat Hippocampal Neurons. Brain Research, 628: 115-120, 1993. I.F 2.494

39) Zona, C., Ragozzino, D., Ciotti, Mt., Mercanti, D., Avoli, M., Brancati, A. and Calissano, P. Sodium Calcium And Late Potassium Currents Are Reduced In Cerebellar Granule Cells Cultured In The Presence Of A Protein Complex Conferring Resistance To Excitatory Amino Acids, European Journal Of Neuroscience, 5: 1479-1484, 1993. I.F 3.385

40) D'arcangelo, G., Grassi, F., Ragozzino, D. Santoni, A., Tancredi, V. and Eusebi, F. Interferon Inhibits Synaptic Potentiation In Rat Hippocampus, Brain Research, 564:245-248, 1991. I.F 2.494

Textbooks (Chapters, etc.)

Ragozzino D, Lauro C, Limatola C Role of CX3CL1 in synaptic activity and neuroprotection in Chemokine receptors and neuroAIDS: Beyond the co-receptor function and links to other neuropathologies, Olimpia Meucci Ed. Springer, 2009