

## MARCO CAPOGNA – PUBLICATIONS

Impact factor = 38 Web of Sciences

Number of citations = 4213 Web of Sciences

- Total number of publications = 75
- Number of peer reviewed publications = 72
- Number of first and last authorships within the last five years = 20
- \* denotes best papers

### Original articles (Peer Reviewed Journals)

Di Lazzaro V., Rothwell J. and Capogna M. (2017) Noninvasive Stimulation of the Human Brain: Activation of Multiple Cortical Circuits. *The Neuroscientist*.  
<https://doi.org/10.1177/1073858417717660>.

Sengupta A., Bocchio M., Bannerman D.M., Sharp, T. and Capogna M. (2017) Shedding light on serotonergic neurotransmission in amygdala circuits. *SFN Neuronline*:  
<http://neuronline.sfn.org/Articles/Scientific-Research/2017/Shedding-Light-on-Serotonergic-Neurotransmission-in-Amygdala-Circuits>.

Bocchio M., Nabavi S. and Capogna M. (2017) Synaptic plasticity, engrams and network oscillations in amygdala circuits for storage and retrieval of emotional memories, *Neuron (Cell Press)*, 94: 731-743. \* impact factor 15.8

Sengupta A., Bocchio M., Bannerman D.M., Sharp, T. and Capogna M. (2017) Control of amygdala circuits by 5-HT neurons via 5-HT and glutamate co-transmission, *Journal of Neuroscience*, 37(7): 1785-1796, 2017. Commentary in *J Neuroscience* 37 (7) i.

Bocchio M., Fisher S.P., Unal G., Ellender T.J., Vyazovskiy V.V., and Capogna M. (2016) Sleep and serotonin modulate paracapsular nitric oxide synthase expressing neurons of the amygdala, *eNeuro, Journal of Neuroscience on line, Society for Neuroscience*, in press, <http://eneuro.org/content/eneuro/early/2016/09/26/ENEURO.0177-16.2016.full.pdf>.

Bocchio M., McHugh S.B., Bannerman, D.M., Sharp T., and Capogna M. (2016) Serotonin, amygdala and fear: assembling the puzzle, *Frontiers in Neural Circuits*, Volume 10, Article 24, doi: 10.3389/fncir.2016.00024-

Bocchio M., Fucsina G., Oikonomidis L., McHugh S.B., Bannerman D., Sharp T., and Capogna M. (2015) Increased 5-HT transporter expression reduces fear and recruitment of parvalbumin interneurons of the amygdala, *Neuropsychopharmacology (Nature publishing group)*, 40: 3015-26. \* impact factor 6.4

Bazelot M., Bocchio M., Kasugai Y., Fischer D., Ferraguti F., and Capogna M. (2015) Hippocampal theta input to the amygdala shapes feedforward inhibition to gate heterosynaptic plasticity, *Neuron (Cell Press)*, 87: 1290-303. \* impact factor 15.8

Blaesse P., Goedecke L., Bazelot M., Capogna M, Pape H.-C., and Jüngling K. (2015)  $\mu$ -opioid receptor-mediated control of extinction-relevant circuits in the mouse amygdala: inhibition of intercalated neurons, *Journal of Neuroscience*, 35(19): 7317-7325.

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- Bocchio M. & Capogna M. (2014) Oscillatory Substrates of Fear and Safety. *Neuron*, 83: 753-755.
- Capogna M. (2014) GABAergic cell type diversity in the basolateral amygdala. *Current Opinion in Neurobiology*, 26:110–116.
- Li G., Stewart R., Canepari M., & Capogna M. (2014) Firing of hippocampal neurogliaform cells induces suppression of synaptic inhibition. *J. Neurosci.* 34:1280-1292. Commentary in *J Neuroscience* 34 (4)j-i.
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Busti D., Geracitano R., Whittle N., Dalezios Y., Manko M., Kaufmann W., Saetzler K., Singewald N., Capogna M., and Ferraguti F. (2011) Different fear states engage distinct networks within the intercalated cell clusters of the amygdala. *Journal of Neuroscience*, 31 (13): 5131-5144. Commentary published: This week in the journal, *Journal of Neuroscience*, 31 (13). Paper selected and recommended for F1000. <http://f1000.com/prime/9495957#citeEvaluationContent-11316054>

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Fuentealba P., Klausberger T., Karayannis T., Suen W. Y., Huck J., Tomioka R., Rockland K., Capogna M., Studer M., Morales M., and Somogyi P. (2010) Expression of COUP-TFII Nuclear Receptor in restricted GABAergic neuronal populations in the adult rat hippocampus. *Journal of Neuroscience*, 30 (5): 1595-1609.

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### **Book chapters**

Thompson S.M., Debanne D., and Capogna M. (1998). Presynaptic determinants of synaptic efficacy in hippocampal pyramidal neurons. In: Faber D. S., Korn H., Redman, S., Thompson S. M. and Altman J. S. (eds.), *Human Frontier Science Program IV Workshop: Central Synapses: Quantal mechanisms and plasticity*, Strasbourg, France, pp. 247-254.

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