

MARCO CAPOGNA – PUBLICATIONS

Impact factor = 39 Google Scholar; 38 Scopus;
Number of citations = 6389 Google Scholar

- Total number of publications = 81
- Number of first and last authorships within the last five years = 20
- * denotes best papers

[https://pure.au.dk/portal/en/persons/marco-capogna\(736c59b0-60b3-4107-ae1a-58a2b2879c07\)/publications.html](https://pure.au.dk/portal/en/persons/marco-capogna(736c59b0-60b3-4107-ae1a-58a2b2879c07)/publications.html)

Original articles (Peer Reviewed Journals)

Capogna M, Castillo P.E. and Maffei A. (2020). The ins and outs of inhibitory synaptic plasticity: neuron types, molecular mechanisms and functional roles. *European Journal of Neuroscience*, <https://doi.org/10.1111/ejn.14907>

Yuste R. et al (2020). A community-based transcriptomics classification and nomenclature of neocortical cell types. *Nature Neuroscience*, <https://doi.org/10.1038/s41593-020-0685-8> * impact factor 17.8

Krauth N., Khalil V., Jariwala M., Mermet-Joret N., Vestergaard A.K., Capogna M. and Nabavi S. (2020) TRACE: an unbiased method to permanently tag transiently activated inputs. *Frontiers in Cellular Neuroscience*, 12 May 2020, <https://doi.org/10.3389/fncel.2020.00114>
<https://www.frontiersin.org/articles/10.3389/fncel.2020.00114/full>

Bocchio M., Lukacs I., Stacey R., Plaha P., Apostolopoulos V., Livermore L., Sen A., Ansorge O., Gillies M.J., Somogyi P. and Capogna M. (2019) Group II metabotropic glutamate receptors mediate presynaptic inhibition of excitatory transmission in pyramidal neurons of the human cerebral cortex. *Frontiers in Cellular Neuroscience*, 8 January 2019, <https://doi.org/10.3389/fncel.2018.00508>
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Hou W.H. and Capogna M. (2018) Dendritic inhibition in layer 1 cortex gates associative memory. *Neuron (Cell Press)*, 100: 516-519. <https://doi.org/10.1016/j.neuron.2018.10.029>

Di Lazzaro V., Rothwell J. and Capogna M. (2018) Noninvasive Stimulation of the Human Brain: Activation of Multiple Cortical Circuits. *The Neuroscientist*. *The Neuroscientist*, 24(3) 246–260. <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) μ -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.

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Capogna M. (2013) Which molecules regulate synaptic brain asymmetries? *J. Physiol.* 591, 4687-4688.

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Book chapters

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