

Full list of publications here

1. Casanova JP, Pouget C, Treiber N, Agarwal I, Brimble MA, Vetere G [Threat-dependent scaling of prelimbic dynamics to enhance fear representation](#) **BioRxiv** 2023 Oct 10
2. Pouget C, **Vetere G** [Fear memory engram is the mind-killer](#). **Nature Neuroscience** (News and Views) 2023 Apr 06.
3. Casanova JP, **Vetere G** [Memory travels through cells backward](#). **Neuron** (Preview) 2023 Feb 15.
4. Fatt M, Tran LM, **Vetere G** et al. [Restoration of hippocampal neural precursor function by ablation of senescent cells in the aging stem cell niche](#). **Stem Cell Reports**. 2022 Jan. IF: 7.29 (# citations - 21).
5. **Vetere G**, Xia F, Ramsaran A, Tran L, Josselyn S, Frankland P. [An inhibitory hippocampal–thalamic pathway modulates remote memory retrieval](#). **Nature Neuroscience**. 2021 May (# citations - 26).
6. Watson AES, de Almeida MMA, Dittmann NL, Li Y, Trabi P, Footz, T, Vetere G et al. [Fractalkine signaling regulates oligodendroglial cell genesis from SVZ precursor cells](#). **Stem Cell Reports**. 2021 Aug. (# citations - 14).
7. **Vetere G**, Tran L, Moberg S, Steadman P, Restivo L, Morrison F, Ressler K, Josselyn S, Frankland P. [Memory formation in the absence of experience](#). **Nature Neuroscience**. 2019 Jun 22.(# citations - 88).
8. **Vetere G**, Borreca A, Pignataro A, Conforto G, Giustizieri M, Marinelli S, Ammassari-Teule M. [Coincident Pre- and Post-Synaptic Cortical Remodelling Disengages Episodic Memory from Its Original Context](#). **Mol Neurobiol**. 2019 Jul 2. (# citations - 3).
9. **Vetere G**, Kenney JW, Tran LM, Xia F, Steadman PE, Parkinson J, Josselyn SA, Frankland PW. [Chemogenetic interrogation of a brainwide fear memory network in mice](#). **Neuron**. 2017 Apr. (# citations - 207).
10. Aceti M, **Vetere G**, Novembre G, Restivo L, Ammassari-Teule M. [Progression of activity and structural changes in the anterior cingulate cortex during remote memory formation](#). **Neurobiol Learn Mem**. 2015 May. (# citations - 29).
11. **Vetere G**, Barbato C, Pezzola S, Frisone P, Aceti M, Ciotti M, Cogoni C, Ammassari-Teule M, Ruberti F. [Selective inhibition of miR-92 in hippocampal neurons alters contextual fear memory](#). **Hippocampus**. 2014 Dec. (# citations - 36).
12. Ferretti V, Perri V, Cristofoli A, **Vetere G**, Fragapane P, Oliverio A, Ammassari-Teule M, Mele A. [Phosphorylation of S845 GluA1 AMPA receptors modulates spatial memory and structural plasticity in the ventral striatum](#). **Brain Struct Funct**. 2014 Jun. (# citations - 15).
13. Pignatelli M, Piccinin S, Molinaro G, Di Menna L, Riozzi B, Cannella M, Motolese M, **Vetere G**, Catania MV, Battaglia G, Nicoletti F, Nisticò R, Bruno V. [Changes in mGlu5 receptor-dependent synaptic plasticity and coupling to homer proteins in the hippocampus of Ube3A hemizygous mice modeling angelman syndrome](#). **J Neurosci**. 2014 Mar. (# citations - 76).
14. **Vetere G**, Piserchia V, Novembre G, Aceti M, Ammassari-Teule M. [Reactivating fear memory under propranolol resets pre-trauma levels of dendritic spines in basolateral amygdala but not dorsal hippocampus neurons](#). **Front Behav Neurosci**. 2013 Dec. (# citations - 23).
15. **Vetere G** & Ammassari-Teule M. [A gateway between recent and remote memory](#). **Front Behav Neurosci** 2012 Oct 09.
16. Cole CJ, Mercaldo V, Restivo L, Yiu AP, Sekeres MJ, Han JH, **Vetere G**, Pekar T, Ross PJ, Neve RL, Frankland PW, Josselyn SA. [MEF2 negatively regulates learning-induced structural plasticity and memory formation](#). **Nature Neuroscience** 2012 Sept 15. (# citations - 113).
17. **Vetere G**, Restivo L, Ammassari-Teule M. [Pre-synaptic control of remote fear extinction in the neocortex](#). **Front Behav Neurosci** 2012 Jun 21. (# citations - 7).
18. **Vetere G**, Restivo L, Ross PJ, Ammassari-Teule M, Josselyn SA & Frankland PW. [Spine growth in the anterior cingulate cortex is necessary for the consolidation of contextual fear memory](#) **PNAS**, 2011 May 17. (# citations - 167).
19. **Vetere G**, Restivo L, Novembre G, Aceti M, Lumaca M, Ammassari-Teule M. [Extinction partially reverts structural changes associated with remote fear memory](#). **Learn Mem**, 2011 Aug 1. (# citations - 47).
20. **Vetere G**, Marchetti C, Benevento M, Tafi E, Marie H, Ammassari-Teule M. [Viral-mediated expression of a constitutively active form of CREB in the dentate gyrus does not induce abnormally enduring fear memory](#). **Behav Brain Res** 2011 Sep 23.(# citations - 8).

21. Restivo L*, **Vetere G***, Bontempì B, Ammassari-Teule M. The formation of recent and remote memory is associated with time-dependent formation of dendritic spines in the hippocampus and anterior cingulate cortex. **J Neurosci** 2009 Jun 24. **equal contribution* (# citations - **288**).
22. Middei S, **Vetere G**, Sgobio CA, Ammassari-Teule M. Landmark-based but not vestibular-based orientation elicits mossy fiber synaptogenesis in the mouse hippocampus. **Neurobiol Learn Mem**, 2007 Feb. (# citations - 15).