

Involvement of Glycinergic and Glutamatergic Systems in Central Nervous System Pathologies Group

Publications:	4
Impact Factor:	16. ¹⁹¹
Q1:	2



Research Activity

Publications

- Bartolomé-Martín D, Ibáñez I, Piniella D, Martínez-Blanco E, Pelaz SG, Zafra F. Identification of potassium channel proteins Kv7.2/7.3 as common partners of the dopamine and glutamate transporters DAT and GLT-1. *Neuropharmacology*. 2019; 161: 107568. Review. IF: 4.431; Q1
- de la Rocha-Muñoz A, Núñez E, Arribas-González E, López-Corcuera B, Aragón C, de Juan-Sanz J. E3 ubiquitin ligases LNX1 and LNX2 are major regulators of the presynaptic glycine transporter GlyT2. *Sci Rep-Uk*. 2019; 9: 14944. Article. IF: 3.998; Q1
- López-Corcuera B, Arribas-González E, Aragón C. Hyperekplexia-associated mutations in the neuronal glycine transporter 2. *Neurochem Int*. 2019; 123: 95-100. Review. IF: 3.881; Q2
- Ibáñez I, Bartolomé-Martín D, Piniella D, Giménez C, Zafra F. Activity dependent internalization of the glutamate transporter GLT-1 requires calcium entry through the NCX sodium/calcium exchanger. *Neurochem Int*. 2019; 123: 125-32. Article. IF: 3.881; Q2

Research projects

López Corcuera B. El transportador neuronal de glicina glyt2 en patologías humanas: hiperplexia y dolor. (SAF2017-84235-R). Ministerio de Economía, Industria y Competitividad. 2018-2020.

Management centre: UAM

Francisco Zafra. Regulación por micrornas de las sinapsis glutamatergicas en isquemia. (SAF2014-55686-R). Ministerio de Economía, Industria y Competitividad. 2015-2018.

Management centre: UAM