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Publications

PUBLICATIONS

- **Excitatory and inhibitory neural dynamics jointly tune motion detection** *Current Biology*
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- **Spatiotemporally precise optogenetic activation of sensory neurons in freely walking *Drosophila*** *ELIFE*
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- **Heterogeneous Temporal Contrast Adaptation in *Drosophila* Direction-Selective Circuits** *CURRENT BIOLOGY*
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- **Peptide-Mediated Neurotransmission Takes Center Stage** *TRENDS IN NEUROSCIENCES*
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- **Substrate transport and anion permeation proceed through distinct pathways in glutamate transporters** *ELIFE*
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- **Glial and Neuronal Glutamate Transporters Differ in the Na⁺ Requirements for Activation of the Substrate-Independent Anion Conductance** *FRONTIERS IN MOLECULAR NEUROSCIENCE*
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- **Insights into the Gating Mechanism of Excitatory Amino Acid Transporters-Associated Anion Channel**
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- **Emerging Evidence for a Direct Link between EAAT-Associated Anion Channels and Neurological Disorders** *JOURNAL OF NEUROSCIENCE*
Gonzalez-Suarez, A. D., Nash, A. I., Garcia-Olivares, J., Torres-Salazar, D.
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- **Transport and channel functions in EAATs: the missing link** *CHANNELS*
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- **Elucidating the Anion Channel Gating Mechanism in Excitatory Amino Acid Transporters**
Salazar, D., Poblete, H., Gonzalez, A., Vergara-Jaque, A., Comer, J., Amara, S. G.
CELL PRESS.2016: 137A
- **RIM-BPs mediate tight coupling of action potentials to Ca²⁺-triggered neurotransmitter release** *Neuron*
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