

Stanford



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MD Student with Scholarly Concentration in Molecular Basis of Medicine / Neuroscience, Behavior, and Cognition, expected graduation Spring 2027

Publications

PUBLICATIONS

- **Excitatory and inhibitory neural dynamics jointly tune motion detection** *Current Biology*
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- **RIM-BPs mediate tight coupling of action potentials to Ca₂₊-triggered neurotransmitter release** *Neuron*
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- **Standardizing Continuous Physical Activity Monitoring in Patients with Cervical Spondylosis.** *Spine*
Maldaner, N., Gonzalez-Suarez, A. D., Tang, M., Fatemi, P., Leung, C., Desai, A., Tomkins-Lane, C., Zygourakis, C.
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- **PharmGKB summary: disulfiram pathway.** *Pharmacogenetics and genomics*
Gonzalez-Suarez, A. D., Thorn, C. F., Whirl-Carrillo, M., Klein, T. E.
2023
- **Manipulating Neural Dynamics to Tune Motion Computation in Drosophila**
Gonzalez-Suarez, A. D.
Yale Graduate School of Arts and Sciences Dissertations.2022
- **Manipulating neural dynamics to tune motion detection**
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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*
Gonzalez-Suarez, A. D., Nitabach, M. N.
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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**
Torres-Salazar, D., Poblete, H., Gonzalez-Suarez, A., Vergara-Jaque, A., Garcia-Olivares, J., Comer, J., Amara, S. G.
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