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POSITION TITLE: Postdoctoral Fellow

EDUACTION/TRINING

Benemérita Universidad Autónoma de Puebla, BSc. Chemistry Pharmacobiology, 2007.

Benemérita Universidad Autónoma de Puebla, MSc. Physiology, 2009.

Universidad Nacional Autónoma de México, PhD Biomedical Science- Neuroscience, 2020.

Northwestern University, Postdoctoral Fellow. Neuroscience, 2020.

Positions and Employment

2015-2017 Research Technician, Instituto Nacional de Neurología y Neurocirugía, México City

2017-2020 Professor at Facultad Ciencias Químicas, Benemérita Universidad Autónoma de Puebla. Chemistry and Biophysics for undergraduate students.

Publications

Hernández-Flores T, Hernández-González O, Pérez-Ramírez MB, **Lara-González E**, Arias-García MA, Duhne M, Pérez-Burgos A, Prieto GA, Figueroa A, Galarraga E, Bargas J. Modulation of direct pathway striatal projection neurons by muscarinic M₄-type receptors. *Neuropharmacology*. 2015, 89:232-44. PMID: 25290553

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Pérez-Ortega J, Duhne M, **Lara-González E**, Plata V, Gasca D, Galarraga E, Hernández-Cruz A, Bargas J. Pathophysiological signatures of functional connectomics in parkinsonian and dyskinetic striatal microcircuits. *Neurobiol Dis*. 2016, 91:347-61. PMID: 26951948.

Aparicio-Juárez A, Duhne M, **Lara-González E**, Ávila-Cascajares F, Calderón V, Galarraga E, Bargas J. Cortical stimulation relieves parkinsonian pathological activity in vitro. *Eur J Neurosci*. 2019, 49:834-848. PMID: 29250861

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Lara-González E, Duhne M, Padilla-Orozco M and Bargas J. Activity of distinct striatal populations in DA depleted microcircuits dynamics. (in preparation)

Paz C, González-Guevara E, Hernández-Cerón M, Franco-Perez J, Pérez-Severiano F, Rendon-Ochoa E, **Lara-González E**, Laville A, Bargas J, Martinez-Lazcano J.C. Regulation of the activity of NMDA receptor through ABC transporters in the Kindling Model (in preparation)