

Stanford



David Epardo Argaiz

Postdoctoral Scholar, Ophthalmology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Univ Nacional Autonoma de Mexico (2025)
- Bachelor of Science (biology), Universidad Autónoma de Querétaro (UAQ) (2020)
- PhD in biomedical sciences, Universidad Nacional Autónoma de México (UNAM) (2025)

STANFORD ADVISORS

- Michael Kapiloff, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Growth hormone reduces retinal inflammation and preserves microglial morphology after optic nerve crush in male rats.** *Frontiers in cellular neuroscience*
Balderas-Márquez, J. E., Epardo, D., Siqueiros-Márquez, L., Carranza, M., Luna, M., Quintanar, J. L., Arámburo, C., Martínez-Moreno, C. G. 2025; 19: 1636399
- **Neurotrophic Effects of GH and GnRH in a Full Sciatic Nerve Transection Model in Male Rats.** *Neuroendocrinology*
Baca-Alonso, J. J., Calderón-Vallejo, D., Hernández-Jasso, I., Epardo, D., Balderas-Márquez, J. E., Luna, M., Arámburo, C., Quintanar, J. L., Martínez-Moreno, C. G. 2025; 115 (6-7): 530-552
- **Growth Hormone Neuroprotective Effects After an Optic Nerve Crush in the Male Rat.** *Investigative ophthalmology & visual science*
Epardo, D., Balderas-Márquez, J. E., Rodríguez-Arzate, C. A., Thébault, S. C., Carranza, M., Luna, M., Ávila-Mendoza, J., Calderón-Vallejo, D., Quintanar, J. L., Arámburo, C., Martínez-Moreno, C. G. 2024; 65 (13): 17
- **Neurotrophic and synaptic effects of GnRH and/or GH upon motor function after spinal cord injury in rats.** *Scientific reports*
Martínez-Moreno, C. G., Calderón-Vallejo, D., Díaz-Galindo, C., Hernández-Jasso, I., Olivares-Hernández, J. D., Ávila-Mendoza, J., Epardo, D., Balderas-Márquez, J. E., Urban-Sosa, V. A., Baltazar-Lara, R., Carranza, M., Luna, M., Arámburo, et al 2024; 14 (1): 26420
- **Gonadotropin-releasing hormone and growth hormone act as anti-inflammatory factors improving sensory recovery in female rats with thoracic spinal cord injury.** *Frontiers in neuroscience*
Martínez-Moreno, C. G., Calderón-Vallejo, D., Díaz-Galindo, C., Hernández-Jasso, I., Olivares-Hernández, J. D., Ávila-Mendoza, J., Epardo, D., Balderas-Márquez, J. E., Urban-Sosa, V. A., Baltazar-Lara, R., Carranza, M., Luna, M., Arámburo, et al 2023; 17: 1164044
- **Neuroprotective and Regenerative Effects of Growth Hormone (GH) in the Embryonic Chicken Cerebral Pallium Exposed to Hypoxic-Ischemic (HI) Injury.** *International journal of molecular sciences*

Olivares-Hernández, J. D., Carranza, M., Balderas-Márquez, J. E., Epardo, D., Baltazar-Lara, R., Ávila-Mendoza, J., Martínez-Moreno, C. G., Luna, M., Arámburo, C.
2022; 23 (16)

- **Growth Hormone Neuroprotection Against Kainate Excitotoxicity in the Retina is Mediated by Notch/PTEN/Akt Signaling.** *Investigative ophthalmology & visual science*
Fleming, T., Balderas-Márquez, J. E., Epardo, D., Ávila-Mendoza, J., Carranza, M., Luna, M., Harvey, S., Arámburo, C., Martínez-Moreno, C. G.
2019; 60 (14): 4532-4547
- **Regenerative Effect of Growth Hormone (GH) in the Retina after Kainic Acid Excitotoxic Damage.** *International journal of molecular sciences*
Martínez-Moreno, C. G., Epardo, D., Balderas-Márquez, J. E., Fleming, T., Carranza, M., Luna, M., Harvey, S., Arámburo, C.
2019; 20 (18)