

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

×



Memorial Sloan Kettering
Cancer Center

[About Us](#)
[Sloan Kettering Institute](#)
[The Gabriela Chiosis Lab](#)

[Research](#)

Maria del Carmen Inda Garcia, PhD

[Education & Training](#)
Research Scholar

[News & Events](#)

[Open Positions](#)



URL

[Webpage](#)

I am a research scholar in the Dr. Chiosis laboratory. During my career, I have focused on different aspects of Neuroscience. I did my PhD on the Microanatomy of the Cerebral Cortex at the Cajal Institute (Madrid, Spain). After this period I was awarded the Human Frontier Science Program fellowship to support my first postdoctoral project on the molecular mechanisms of memory. I performed this work at the Mount Sinai School of Medicine in New York. This work instilled in me a strong interest in translational research that involves amelioration of memory loss associated with several neurodegenerative diseases. As such I joined the interdisciplinary group of Dr. Chiosis at Memorial Sloan Kettering where my studies focus on the translation of an Hsp90 inhibitor discovered by the lab as a potential therapeutic treatment for Alzheimer's disease.

Current Position

Assistant Professor

Biology Unit

Hostos Community College

Publications

[Kishinevsky S, Wang T, Rodina A, Chung SY, Xu C, Philip J, Taldone T, Joshi S, Alpaugh ML, Bolaender A, Gutbier S, Sandhu D, Fattahi F, Zimmer B, Shah SK, Chang E, Inda C, Koren J 3rd, Saurat NG, Leist M, Gross SS, Seshan VE, Klein C, Tomishima MJ, Erdjument-Bromage H, Neubert TA, Henrickson RC, Chiosis G*, Studer L*. HSP90-incorporating chaperome networks as biosensor for disease-related pathways in patient-specific midbrain dopamine neurons. Nat Commun. 2018 Oct 19;9\(1\):4345. doi: 10.1038/s41467-018-06486-6.](#)

Ye X, Kapeller-Libermann D, Travaglia A, Inda MC, Alberini CM. [Direct dorsal hippocampal-prelimbic cortex connections strengthen fear memories.](#) Nat Neurosci. 2017 Jan;20(1):52-61. PMID: 27869801

[Inda MC, Muravieva EV, Alberini CM. Memory Retrieval and the Passage of Time: From Reconsolidation and Strengthening to Extinction. J. Neurosci. 2011. Feb 2;31\(5\):1635-43.](#)

[Inda MC, Defelipe J, Muñoz A. Morphology and Distribution of Chandelier Cell Axon Terminals in the Mouse Cerebral Cortex and Claustroamygdaloid Complex. Cereb Cortex. 2009 Jan;19\(1\):41-54.](#)

[Inda MC., Defelipe J., Munoz A. The Distribution of Chandelier Cell Axon Terminals that Express the GABA Plasma Membrane Transporter GAT-1 in the Human Neocortex. Cereb Cortex. 2007 Sep;17\(9\):2060-71.](#)

[Inda MC., DeFelipe J., Muñoz A. Voltage-gated ion channels in the axon initial segment of human cortical pyramidal cells and their relationship with chandelier cells. Proc Natl Acad Sci. U S A. 2006. Feb 21; 103\(8\): 2920-5](#)

[Inda MC., Delgado-Garcia JM., Carrion AM. Acquisition, consolidation, reconsolidation, and extinction of eyelid conditioning responses require de novo protein synthesis. J. Neurosci. 2005 Feb 23;25\(8\):2070-80.](#)

[Communication preferences](#)

[Cookie preferences](#)

[Legal disclaimer](#)

[Accessibility Statement](#)

[Privacy policy](#)

[Public notices](#)

© 2024 Memorial Sloan Kettering Cancer Center