



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



MARIA ELVIRA GALARRAGA PALACIO

Datos Generales

Nombre: MARIA ELVIRA GALARRAGA PALACIO

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 33 años

Nombramientos

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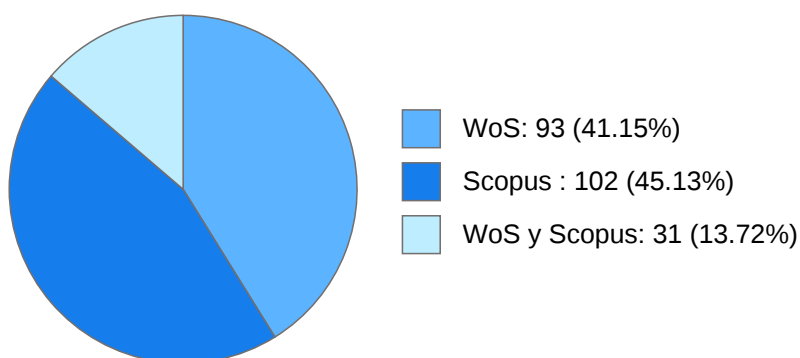
Estímulos, programas, premios y reconocimientos

SNI III 2010 - VIGENTE
SNI II - 2009
PRIDE D - 2024

MARIA ELVIRA GALARRAGA PALACIO

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Cortical beta oscillation in brain slices of hemi parkinsonian mice	AIDAN ALEJANDRO ORTEGA GARCIA JUAN ANTONIO LAVILLE CONDE DAGOBERTO TAPIA RAMIREZ et al.	NEUROSCIENCE LETTERS	2025
2	Cortical parvalbumin-expressing interneurons sample network oscillations in their synaptic activity	DAGOBERTO TAPIA RAMIREZ JUAN ANTONIO LAVILLE CONDE MIGUEL SERRANO REYES et al.	Neuroscience	2025
3	Role of M4-receptor cholinergic signaling in direct pathway striatal projection neurons during dopamine depletion	VICTOR HUGO AVILES ROSAS ERNESTO ALBERTO RENDON OCHOA TERESA HERNANDEZ FLORES et al.	Synapse	2024
4	The activation of D2-like dopamine receptors increases NMDA currents in the dorsal raphe serotonergic neurons	LUIS MANUEL GALINDO CHARLES CELIA REYES LEGORRETA JULIETA GARDUÑO TORRES et al.	NEUROSCIENCE LETTERS	2024
5	Dopaminergic Dependency of Cholinergic Pallidal Neurons	AIDAN ALEJANDRO ORTEGA GARCIA VERONICA ALEJANDRA CACERES CHAVEZ DAGOBERTO TAPIA RAMIREZ et al.	Neuroscience	2023
6	Striatal Neuronal Ensembles Reveal Differential Actions of Amantadine and Clozapine to Ameliorate Mice L-DOPA-Induced Dyskinesia	MARIO ALBERTO ARIAS GARCIA ESTHER LARA GONZALEZ MARIA ELVIRA GALARRAGA PALACIO et al.	Neuroscience	2022

MARIA ELVIRA GALARRAGA PALACIO

7	Dopamine D-2 and Adenosine A(2A) Receptors Interaction on Ca ²⁺ Current Modulation in a Rodent Model of Parkinsonism	ERNESTO ALBERTO RENDON OCHOA VICTOR HUGO AVILES ROSAS OMAR HERNANDEZ GONZALEZ et al.	Asn Neuro	2022
8	Synaptic determinants of cholinergic interneurons hyperactivity during parkinsonism	MARIANA DUHNE RAMIREZ MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	Frontiers in Synaptic Neuroscience	2022
9	Dimensionality reduction and recurrence analysis reveal hidden structures of striatal pathological states	MIGUEL SERRANO REYES JESUS ESTEBAN PEREZ ORTEGA ANA BRISA GARCIA VILCHIS et al.	Frontiers in Systems Neuroscience	2022
10	Firing Differences Between Adult Intralaminar Thalamo-striatal Neurons	MARIO ALBERTO ARIAS GARCIA DAGOBERTO TAPIA RAMIREZ JUAN ANTONIO LAVILLE CONDE et al.	Neuroscience	2021
11	Activation of parvalbumin-expressing neurons reconfigures neuronal ensembles in murine striatal microcircuits	MARIANA DUHNE RAMIREZ ESTHER LARA GONZALEZ JUAN ANTONIO LAVILLE CONDE et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2021
12	Spontaneous Activity of Neuronal Ensembles in Mouse Motor Cortex: Changes after GABAergic Blockade	MIGUEL SERRANO REYES VERONICA ALEJANDRA CACERES CHAVEZ DAGOBERTO TAPIA RAMIREZ et al.	Neuroscience	2020
13	Differences in synaptic integration between direct and indirect striatal projection neurons: Role of Ca V 3 channels	MIGUEL SERRANO REYES MARIO ALBERTO ARIAS GARCIA DAGOBERTO TAPIA RAMIREZ et al.	Synapse	2019
14	Localization of chloride co-transporters in striatal neurons	DAGOBERTO TAPIA RAMIREZ MARIO ALBERTO ARIAS GARCIA MIGUEL SERRANO REYES et al.	Neuroreport	2019
15	Cortical stimulation relieves parkinsonian pathological activity in vitro	MARIANA DUHNE RAMIREZ MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2019
16	Acute dopamine receptor blockade in substantia nigra pars reticulata: a possible model for drug-induced Parkinsonism	JESUS ESTEBAN PEREZ ORTEGA MARCO ARIELI HERRERA VALDEZ MARIA ELVIRA GALARRAGA PALACIO et al.	JOURNAL OF NEUROPHYSIOL OGY	2018
17	Functional comparison of corticostriatal and thalamostriatal postsynaptic responses in striatal neurons of the mouse	MARIO ALBERTO ARIAS GARCIA DAGOBERTO TAPIA RAMIREZ JUAN ANTONIO LAVILLE CONDE et al.	BRAIN STRUCTURE & FUNCTION	2018
18	Insulin regulates GABAA receptor-mediated tonic currents in the prefrontal cortex	DIEGO ERNESTO OLIVER CASTILLO ROLON MARIA ELVIRA GALARRAGA PALACIO DAGOBERTO TAPIA RAMIREZ et al.	FRONTIERS IN NEUROSCIENCE	2018

MARIA ELVIRA GALARRAGA PALACIO

19	Calcium currents in striatal fast-spiking interneurons: dopaminergic modulation of Ca(v)1 channels	TERESA HERNANDEZ FLORES VICTOR HUGO AVILES ROSAS VERONICA ALEJANDRA CACERES CHAVEZ et al.	BMC NEUROSCIENCE	2018
20	Models of Short-Term Synaptic Plasticity	JOAQUIN BARROSO FLORES MARCO ARIELI HERRERA VALDEZ MARIA ELVIRA GALARRAGA PALACIO et al.	Advances in Experimental Medicine and Biology	2017
21	Pathophysiological signatures of functional connectomics in parkinsonian and dyskinetic striatal microcircuits	JESUS ESTEBAN PEREZ ORTEGA MARIANA DUHNE RAMIREZ ESTHER LARA GONZALEZ et al.	NEUROBIOLOGY OF DISEASE	2016
22	Activation of Glutamatergic Fibers in the Anterior NAc Shell Modulates Reward Activity in the aNAcSh, the Lateral Hypothalamus, and Medial Prefrontal Cortex and Transiently Stops Feeding	MARIO ALBERTO ARIAS GARCIA MARIA ELVIRA GALARRAGA PALACIO Prado, Luis et al.	JOURNAL OF NEUROSCIENCE	2016
23	Modulation of direct pathway striatal projection neurons by muscarinic M4-type receptors	TERESA HERNANDEZ FLORES OMAR GONZALEZ HERNANDEZ Maria B. PerezRamirez et al.	Neuropharmac ology	2015
24	Muscarinic presynaptic modulation in GABAergic pallidal synapses of the rat	Ricardo HernandezMartinez JOSE FERNANDO ACEVES QUESADA Pavel E. RuedaOrozco et al.	JOURNAL OF NEUROPHYSIOL OGY	2015
25	K(V)7 Channels Regulate Firing during Synaptic Integration in GABAergic Striatal Neurons	M. Belen PerezRamirez JUAN ANTONIO LAVILLE CONDE DAGOBERTO TAPIA RAMIREZ et al.	NEURAL PLASTICITY	2015
26	Diverse Short-Term Dynamics of Inhibitory Synapses Converging on Striatal Projection Neurons: Differential Changes in a Rodent Model of Parkinson's Disease	Janet BarrosoFlores MARCO ARIELI HERRERA VALDEZ Violeta Gisselle LopezHuerta et al.	NEURAL PLASTICITY	2015
27	Morphological characterization of respiratory neurons in the pre-bötzinger complex	Cecilia Zavala Tecuapetla Dagoberto Tapia Ana Julia Rivera Angulo et al.	Progress in Brain Research	2014
28	Modulation of Ca ²⁺ -currents by sequential and simultaneous activation of adenosine A(1) and A(2A) receptors in striatal projection neurons	OMAR GONZALEZ HERNANDEZ TERESA HERNANDEZ FLORES GILBERTO ALEPH PRIETO MORENO et al.	PURINERGIC SIGNALLING	2014
29	Duration differences of corticostriatal responses in striatal projection neurons depend on calcium activated potassium currents	MARIO ALBERTO ARIAS GARCIA DAGOBERTO TAPIA RAMIREZ JESUS ESTEBAN PEREZ ORTEGA et al.	Frontiers in Systems Neuroscience	2013
30	The Balance of Striatal Feedback Transmission Is Disrupted in a Model of Parkinsonism	Violeta G. Lopez Huerta Luis Carrillo Reid MARIA ELVIRA GALARRAGA PALACIO et al.	JOURNAL OF NEUROSCIENCE	2013

MARIA ELVIRA GALARRAGA PALACIO

31	Contribution of different classes of glutamate receptors in the corticostriatal polysynaptic responses from striatal direct and indirect projection neurons	BIANCA JULIETA VIZCARRA CHACON Mario A. Arias García Maria B. Perez Ramirez et al.	BMC NEUROSCIENCE	2013
32	Direct evaluation of L-DOPA actions on neuronal activity of parkinsonian tissue in vitro	VICTOR PLATA PEREZ Mariana Duhne JESUS ESTEBAN PEREZ ORTEGA et al.	BIOMED RESEARCH INTERNATIONAL	2013
33	Presynaptic modulation by somatostatin in the rat neostriatum is altered in a model of parkinsonism	Violeta G. Lopez Huerta Eduardo Blanco Hernandez JOSE BARGAS DIAZ et al.	JOURNAL OF NEUROPHYSIOLOGY	2012
34	Presynaptic alpha 4 beta 2 Nicotinic Acetylcholine Receptors Increase Glutamate Release and Serotonin Neuron Excitability in the Dorsal Raphe Nucleus	JULIETA GARDUÑO TORRES LUIS MANUEL GALINDO CHARLES Javier Jimenez Rodriguez et al.	JOURNAL OF NEUROSCIENCE	2012
35	Upregulation of D2-class signaling in dopamine-denervated striatum is in part mediated by D3 receptors acting on CaV2.1 channels via PIP2 depletion	GILBERTO ALEPH PRIETO MORENO Azucena Perez Burgos MARCELA PALOMERO RIVERO et al.	JOURNAL OF NEUROPHYSIOLOGY	2011
36	Dopaminergic Modulation of the Striatal Microcircuit: Receptor-Specific Configuration of Cell Assemblies	Luis Carrillo Reid SALVADOR LEONARDO HERNANDEZ LOPEZ DAGOBERTO TAPIA RAMIREZ et al.	JOURNAL OF NEUROSCIENCE	2011
37	Bidirectional plasticity in striatonigral synapses: A switch to balance direct and indirect basal ganglia pathways	JOSE FERNANDO ACEVES QUESADA PAVEL ERNESTO RUEDA OROZCO Ricardo Hernandez Martinez et al.	LEARNING & MEMORY	2011
38	Dopaminergic presynaptic modulation of nigral afferents: Its role in the generation of recurrent bursting in substantia nigra pars reticulata neurons	PAVEL ERNESTO RUEDA OROZCO MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	Frontiers in Systems Neuroscience	2011
39	Dopaminergic modulation of corticostriatal responses in medium spiny projection neurons from direct and indirect pathways	BIANCA JULIETA VIZCARRA CHACON JOSE BARGAS DIAZ DAGOBERTO TAPIA RAMIREZ et al.	Frontiers in Systems Neuroscience	2011
40	Different corticostriatal integration in spiny projection neurons from direct and indirect pathways	BIANCA JULIETA VIZCARRA CHACON DAGOBERTO TAPIA RAMIREZ JOSE BARGAS DIAZ et al.	Frontiers in Systems Neuroscience	2010
41	Ca(V)2.1 CHANNELS ARE MODULATED BY MUSCARINIC M-1 RECEPTORS THROUGH PHOSPHOINOSITIDE HYDROLYSIS IN NEOSTRIATAL NEURONS	A. Perez Burgos GILBERTO ALEPH PRIETO MORENO MARIA ELVIRA GALARRAGA PALACIO et al.	Neuroscience	2010
42	Stem Cell Therapy for Parkinson's Disease: A Road Map for a Successful Future	ROMAN VIDAL TAMAYO RAMIREZ JOSE BARGAS DIAZ LUIS FERNANDO COVARRUBIAS ROBLES et al.	STEM CELLS AND DEVELOPMENT	2010

MARIA ELVIRA GALARRAGA PALACIO

43	Dopaminergic Modulation of Spiny Neurons in the Turtle Striatum	JAIME AURELIO BARRAL CABALLERO MARIA ELVIRA GALARRAGA PALACIO DAGOBERTO TAPIA RAMIREZ et al.	CELLULAR AND MOLECULAR NEUROBIOLOGY	2010
44	Activation of the Cholinergic System Endows Compositional Properties to Striatal Cell Assemblies	Luis Carrillo Reid FATUEL TECUAPETLA AGUILAR Osvaldo Ibanez Sandoval et al.	JOURNAL OF NEUROPHYSIOLOGY	2009
45	Inhibitory Contribution to Suprathreshold Corticostriatal Responses: An Experimental and Modeling Study	Eden Flores Barrera JUAN ANTONIO LAVILLE CONDE VICTOR PLATA PEREZ et al.	CELLULAR AND MOLECULAR NEUROBIOLOGY	2009
46	Diversity in long-term synaptic plasticity at inhibitory synapses of striatal spiny neurons	Pavel E. Rueda Orozco ERNESTO MENDOZA DUARTE Ricardo Hernandez et al.	LEARNING & MEMORY	2009
47	Muscarinic Enhancement of Persistent Sodium Current Synchronizes Striatal Medium Spiny Neurons	Luis Carrillo Reid FATUEL TECUAPETLA AGUILAR Nicolas Vautrelle et al.	JOURNAL OF NEUROPHYSIOLOGY	2009
48	DOPAMINE D-2-CLASS RECEPTOR SUPERSENSITIVITY AS REFLECTED IN Ca ²⁺ CURRENT MODULATION IN NEOSTRIATAL NEURONS	GILBERTO ALEPH PRIETO MORENO A. Perez Burgos TATIANA FIORELISIO COLL et al.	Neuroscience	2009
49	Encoding network states by striatal cell assemblies	Luis Carrillo Reid FATUEL TECUAPETLA AGUILAR DAGOBERTO TAPIA RAMIREZ et al.	JOURNAL OF NEUROPHYSIOLOGY	2008
50	A hyperpolarization-activated, cyclic nucleotide-gated, (I _h -like) cationic current and HCN gene expression in renal inner medullary collecting duct cells	JUAN JOSE BOLIVAR GONZALEZ DAGOBERTO TAPIA RAMIREZ GABINA ARENAS LOPEZ et al.	AMERICAN JOURNAL OF PHYSIOLOGY-CELL PHYSIOLOGY	2008
51	Presynaptic modulation by somatostatin in the neostriatum	Violeta Gisselle Lopez Huerta FATUEL TECUAPETLA AGUILAR Jaime N. Guzman et al.	NEUROCHEMICAL RESEARCH	2008
52	Serotonergic dorsal raphe neurons possess functional postsynaptic nicotinic acetylcholine receptors	LUIS MANUEL GALINDO CHARLES SALVADOR LEONARDO HERNANDEZ LOPEZ MARIA ELVIRA GALARRAGA PALACIO et al.	Synapse	2008
53	Muscarinic M(1) modulation of N and L types of calcium channels is mediated by protein kinase C in neostriatal neurons	A. Perez Burgos T. Perez Rosello HELADIA SALGADO OSORIO et al.	Neuroscience	2008

MARIA ELVIRA GALARRAGA PALACIO

54	Dopaminergic modulation of short-term synaptic plasticity at striatal inhibitory synapses	FATUEL TECUAPETLA AGUILAR JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2007
55	Bursting in substantia nigra pars reticulata neurons in vitro: Possible relevance for Parkinson disease	MARIA ELVIRA GALARRAGA PALACIO DAGOBERTO TAPIA RAMIREZ ERNESTO MENDOZA DUARTE et al.	JOURNAL OF NEUROPHYSIOLOGY	2007
56	δ Opioids reduce the neurotransmitter release probability by enhancing transient (KV4) K ⁺ -currents in corticostriatal synapses as evaluated by the paired pulse protocol	ERNESTO MENDOZA DUARTE MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	NEUROSCIENCE LETTERS	2007
57	Somatostatinergic modulation of firing pattern and calcium-activated potassium currents in medium spiny neostriatal neurons	MARIA ELVIRA GALARRAGA PALACIO FATUEL TECUAPETLA AGUILAR ALICIA ELIZABETH HERNANDEZ ECHEAGARAY et al.	Neuroscience	2007
58	Control of the subthalamic innervation of substantia nigra pars reticulata by D1 and D2 dopamine receptors	MARIA ELVIRA GALARRAGA PALACIO DAGOBERTO TAPIA RAMIREZ JOSE BARGAS DIAZ et al.	JOURNAL OF NEUROPHYSIOLOGY	2006
59	Differential induction of long term synaptic plasticity in inhibitory synapses of the hippocampus	ERNESTO MENDOZA DUARTE MARIA ELVIRA GALARRAGA PALACIO DAGOBERTO TAPIA RAMIREZ et al.	Synapse	2006
60	Control of the subthalamic innervation of the rat globus pallidus by D 2/3 and D4 dopamine receptors	DAGOBERTO TAPIA RAMIREZ VERONICA ANAYA MARTINEZ MARIA ELVIRA GALARRAGA PALACIO et al.	JOURNAL OF NEUROPHYSIOLOGY	2006
61	A reconfiguration of Cav2 Ca ²⁺ channel current and its dopaminergic D2 modulation in developing neostriatal neurons	FATUEL TECUAPETLA AGUILAR MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	JOURNAL OF NEUROPHYSIOLOGY	2005
62	Different inhibitory inputs onto neostriatal projection neurons as revealed by field stimulation	FATUEL TECUAPETLA AGUILAR MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	JOURNAL OF NEUROPHYSIOLOGY	2005
63	Cholinergic control of firing pattern and neurotransmission in rat neostriatal projection neurons: Role of CaV2.1 and CaV2.2 Ca ²⁺ channels	NORMA ALEJANDRA FIGUEROA RIOS FATUEL TECUAPETLA AGUILAR MARIA ELVIRA GALARRAGA PALACIO et al.	JOURNAL OF NEUROPHYSIOLOGY	2005
64	The role of Ca ²⁺ channels in the repetitive firing of striatal projection neurons	JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO Pérez-García E.	Neuroreport	2003

MARIA ELVIRA GALARRAGA PALACIO

65	Dopaminergic modulation of axon collaterals interconnecting spiny neurons of the rat striatum	MARIA ELVIRA GALARRAGA PALACIO DAGOBERTO TAPIA RAMIREZ JUAN ANTONIO LAVILLE CONDE et al.	JOURNAL OF NEUROSCIENCE	2003
66	Spontaneous voltage oscillations in striatal projection neurons in a rat corticostriatal slice	SALVADOR LEONARDO HERNANDEZ LOPEZ JUAN ANTONIO LAVILLE CONDE MARIA ELVIRA GALARRAGA PALACIO et al.	JOURNAL OF PHYSIOLOGY-LO NDON	2003
67	The presynaptic modulation of corticostriatal afferents by μ -opioids is mediated by K ⁺ conductances	JAIME AURELIO BARRAL CABALLERO MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	EUROPEAN JOURNAL OF PHARMACOLOG Y	2003
68	Muscarinic receptors involved in the subthreshold cholinergic actions of neostriatal spiny neurons	NORMA ALEJANDRA FIGUEROA RIOS MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ	Synapse	2002
69	Somatostatin modulates Ca ²⁺ currents in neostriatal neurons	JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO Vilchis C. et al.	Neuroscience	2002
70	Hippocampal hyperexcitability induced by GABA withdrawal is due to down-regulation of GABAA receptors	CESAR CASASOLA CASTRO JOSE BARGAS DIAZ TERESA MONTIEL MONTES et al.	EPILEPSY RESEARCH	2001
71	High-affinity inhibition of glutamate release from corticostriatal synapses by γ -agatoxin TK	JAIME AURELIO BARRAL CABALLERO MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ et al.	EUROPEAN JOURNAL OF PHARMACOLOG Y	2001
72	GABAergic presynaptic inhibition of rat neostriatal afferents is mediated by Q-type Ca ²⁺ channels	JAIME AURELIO BARRAL CABALLERO SILVIA TORO BADILLO MARIA ELVIRA GALARRAGA PALACIO et al.	NEUROSCIENCE LETTERS	2000
73	D2 dopamine receptors in striatal medium spiny neurons reduce L-type Ca ²⁺ currents and excitability via a novel PLC β 1-IP3-Calcineurin-signaling cascade	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ Hernández-López S. et al.	JOURNAL OF NEUROSCIENCE	2000
74	Different Ca ²⁺ source for slow AHP in completely adapting and repetitive firing pyramidal neurons	MARIA ELVIRA GALARRAGA PALACIO Pineda J.C. Foehring R.C.	Neuroreport	1999
75	Ca ²⁺ channels that activate Ca ²⁺ -dependent K ⁺ currents in neostriatal neurons	JOSE BARGAS DIAZ GABRIELA XOCHITL AYALA MENDEZ MARIA ELVIRA GALARRAGA PALACIO et al.	Neuroscience	1999
76	Cholinergic modulation of neostriatal output: A functional antagonism between different types of muscarinic receptors	MARIA ELVIRA GALARRAGA PALACIO SALVADOR LEONARDO HERNANDEZ LOPEZ FEDERICO BERMUDEZ RATTONI et al.	JOURNAL OF NEUROSCIENCE	1999

MARIA ELVIRA GALARRAGA PALACIO

77	Ca ²⁺ -activated outward currents in neostriatal neurons	JOSE BARGAS DIAZ GABRIELA XOCHITL AYALA MENDEZ MARIA ELVIRA GALARRAGA PALACIO et al.	Neuroscience	1999
78	Muscarinic presynaptic inhibition of neostriatal glutamatergic afferents is mediated by Q-type Ca ²⁺ channels	JAIME AURELIO BARRAL CABALLERO MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ	BRAIN RESEARCH BULLETIN	1999
79	Action of substance P (Neurokinin-1) receptor activation on rat neostriatal projection neurons	MARIA ELVIRA GALARRAGA PALACIO SALVADOR LEONARDO HERNANDEZ LOPEZ DAGOBERTO TAPIA RAMIREZ et al.	Synapse	1999
80	Passive properties of neostriatal neurons during potassium conductance blockade	MARIA ELVIRA GALARRAGA PALACIO DAGOBERTO TAPIA RAMIREZ JOSE BARGAS DIAZ et al.	EXPERIMENTAL BRAIN RESEARCH	1998
81	3- α -Chloro-imperialine, a potent blocker of cholinergic presynaptic modulation of glutamatergic afferents in the rat neostriatum	ALICIA ELIZABETH HERNANDEZ ECHEAGARAY MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ	Neuropharmacology	1998
82	Ca ²⁺ -channels involved in neostriatal glutamatergic transmission	JOSE BARGAS DIAZ GABRIELA XOCHITL AYALA MENDEZ ALICIA ELIZABETH HERNANDEZ ECHEAGARAY et al.	BRAIN RESEARCH BULLETIN	1998
83	Receptor activation enhances evoked discharge in neostriatal medium spiny neurons by modulating an L-type Ca ²⁺ conductance	SALVADOR LEONARDO HERNANDEZ LOPEZ JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO et al.	JOURNAL OF NEUROSCIENCE	1997
84	Connections between neuroscientists from Europe and Latin America reinforced	MARIA ELVIRA GALARRAGA PALACIO Kroger S.	TRENDS IN NEUROSCIENCE S	1997
85	Firing frequency modulation of substantia nigra reticulata neurons by 5-hydroxytryptamine	SALVADOR LEONARDO HERNANDEZ LOPEZ MARIA ELVIRA GALARRAGA PALACIO Góngora-Alfaro J.L. et al.	NEUROSCIENCE RESEARCH	1997
86	Dopamine facilitates striatal EPSPs through an L-type Ca ²⁺ conductance	MARIA ELVIRA GALARRAGA PALACIO SALVADOR LEONARDO HERNANDEZ LOPEZ JAIME AURELIO BARRAL CABALLERO et al.	Neuroreport	1997
87	Dopamine selects glutamatergic inputs to neostriatal neurons	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ Flores-Hernández J.	Synapse	1997
88	Inhibitory action of dopamine involves a subthreshold Cs ⁺ -sensitive conductance in neostriatal neurons	JOSE BARGAS DIAZ SALVADOR LEONARDO HERNANDEZ LOPEZ DAGOBERTO TAPIA RAMIREZ et al.	EXPERIMENTAL BRAIN RESEARCH	1996

MARIA ELVIRA GALARRAGA PALACIO

89	Dopamine modulates the afterhyperpolarization in neostriatal neurones	SALVADOR LEONARDO HERNANDEZ LOPEZ JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO et al.	Neuroreport	1996
90	Firing patterns in substantia nigra compacta identified neurons in vitro	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ	Archives Of Medical Research	1995
91	Muscarinic receptors modulate the afterhyperpolarizing potential in neostriatal neurons	JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO Pineda J.C. et al.	EUROPEAN JOURNAL OF PHARMACOLOGY	1995
92	Subthreshold rectification in neostriatal spiny projection neurons	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ Pacheco-Cano M.T. et al.	EXPERIMENTAL BRAIN RESEARCH	1994
93	Patterns of excitatory and inhibitory synaptic transmission in the rat neostriatum as revealed by 4-AP	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ Flores-Hernandez J. et al.	JOURNAL OF NEUROPHYSIOLOGY	1994
94	Somatostatin- and substance P-like immunoreactivity in rat neostriatal cultures	MARIA ELVIRA GALARRAGA PALACIO Kitai S.T. Surmeier D.J.	DEVELOPMENTAL NEUROSCIENCE	1994
95	Hyperexcitability of hippocampal CA1 region in brain slices after GABA withdrawal	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ García-Ugalde G. et al.	NEUROSCIENCE LETTERS	1992
96	Charybdotoxin and apamin sensitivity of the calcium-dependent repolarization and the afterhyperpolarization in neostriatal neurons	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ Pineda J.C. et al.	JOURNAL OF NEUROPHYSIOLOGY	1992
97	Dendritic activity on neostriatal neurons as inferred from somatic intracellular recordings	JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO Aceves J.	BRAIN RESEARCH	1991
98	Quinolate and kainate neurotoxicity in neostriatal cultures is potentiated by co-culturing with neocortical neurons	MARIA ELVIRA GALARRAGA PALACIO Surmeier D.J. Kitai S.T.	BRAIN RESEARCH	1990
99	An early outward conductance modulates the firing latency and frequency of neostriatal neurons of the rat brain	JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO Aceves J.	EXPERIMENTAL BRAIN RESEARCH	1989
100	The role of calcium in the repetitive firing of neostriatal neurons	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ Sierra A. et al.	EXPERIMENTAL BRAIN RESEARCH	1989
101	Electrotonic properties of neostriatal neurons are modulated by extracellular potassium	JOSE BARGAS DIAZ MARIA ELVIRA GALARRAGA PALACIO Aceves J.	EXPERIMENTAL BRAIN RESEARCH	1988



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MARIA ELVIRA GALARRAGA PALACIO

102	Spontaneous synaptic potentials in dopamine-denervated neostriatal neurons	MARIA ELVIRA GALARRAGA PALACIO JOSE BARGAS DIAZ DANIEL MARTINEZ FONG et al.	NEUROSCIENCE LETTERS	1987
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MARIA ELVIRA GALARRAGA PALACIO

LIBROS Y CAPITULOS CON ISBN

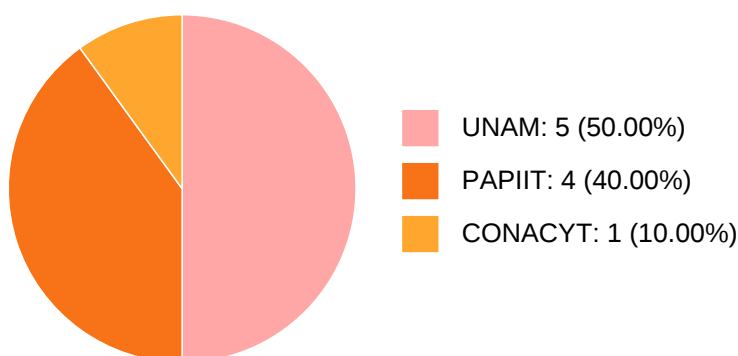
No se encuentran registros en la base de datos de Humanindex asociados a:

MARIA ELVIRA GALARRAGA PALACIO

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Control del mecanismo de disparo neuronal y su remodulación.	MARIA ELVIRA GALARRAGA PALACIO	Presupuesto de la UNAM asignado a la Dependencia	01-01-2008	31-12-2028
2	Interacción entre neurotransmisores: acciones directas e indirectas.	MARIA ELVIRA GALARRAGA PALACIO	Presupuesto de la UNAM asignado a la Dependencia	01-01-2010	15-01-2028
3	Correlación entre las propiedades electrofisiológicas y morfologías de las neuronas del cerebro de mamíferos	MARIA ELVIRA GALARRAGA PALACIO	Presupuesto de la UNAM asignado a la Dependencia	01-01-2010	01-01-2020
4	Papel de la transmisión GABAérgico en el circuito de los ganglios basales y la excitabilidad neuronal	MARIA ELVIRA GALARRAGA PALACIO	Recursos PAPIIT	01-01-2017	31-12-2019
5	Caracterización funcional de la vía tálamo estriatal.	MARIA ELVIRA GALARRAGA PALACIO	Recursos CONACYT	14-09-2016	17-01-2020
6	Comparación de las oscilaciones en el potencial de membrana en neuronas corticales y en neuronas intralaminas del tálamo	MARIA ELVIRA GALARRAGA PALACIO	Recursos PAPIIT	01-01-2020	31-12-2022

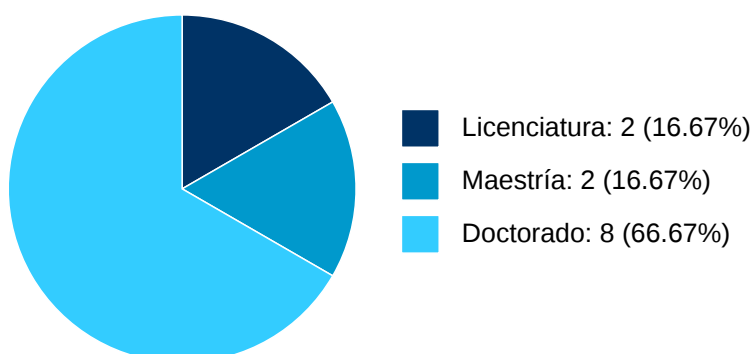
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7	Comparación de las oscilaciones en el potencial de membrana en neuronas corticales y en neuronas intralaminas del tálamo.	MARIA ELVIRA GALARRAGA PALACIO	Recursos PAPIIT	01-01-2020	31-12-2022
8	Modulación muscarínica tónica en neuronas de la lámina 5 de la corteza motora y en las neuronas intralaminas talámicas	MARIA ELVIRA GALARRAGA PALACIO	Recursos PAPIIT	01-01-2023	31-12-2025
9	Integración y modulación de la entrada cortico-estriatal y tálamo-estriatal en la rata normal y en un modelo de rata hemiparkinsoniana.	MARIA ELVIRA GALARRAGA PALACIO	Presupuesto de la UNAM asignado a la Dependencia	01-01-2019	01-01-2028
10	Propiedades del disparo neuronal en celular identificadas del cerebro	MARIA ELVIRA GALARRAGA PALACIO	Presupuesto de la UNAM asignado a la Dependencia	01-01-2024	31-12-2030

MARIA ELVIRA GALARRAGA PALACIO

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Caracterización de las neuronas de los núcleos intralaminares del tálamo parafascicular (Pf) y central lateral (CL) en roedores	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	Méndez Rodríguez, Beatríz Sarahí,	Instituto de Fisiología Celular,	2021
2	Dinámica e integración del microcircuito córticoestriatal	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	García Vilchis, Ana Brisa,	Instituto de Fisiología Celular,	2020
3	Participación de las conductancias extrínsecas e intrínsecas en la integración sináptica cortico-estriatal y tálamo estriatal	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	Arias-García, Mario A.,	Instituto de Fisiología Celular,	2016
4	Integración de la entrada sináptica GABAérgica en las neuronas de proyección del estriado	Tesis de Licenciatura	MARIA ELVIRA GALARRAGA PALACIO,	Suárez Rodríguez, Paola,	Instituto de Fisiología Celular,	2015

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5	Participación de los astrocitos en el desarrollo de la potenciación de la transmisión sináptica inducida por nicotina en el hipocampo de la rata	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	JOSE JESUS GARCIA COLUNGA, HUGO MERCHANT NANCY, et al.	Instituto de Fisiología Celular, Instituto de Neurobiología en Querétaro, Querétaro,	2013
6	Influencia de la administración crónica de corticosterona sobre la respuesta de las neuronas serotoninérgicas del núcleo dorsal del rafe a la nicotina, en ratas	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	JOSE JESUS GARCIA COLUNGA, LUCIAN STEFAN MIHAILESCU, et al.	Facultad de Medicina, Instituto de Fisiología Celular, Instituto de Neurobiología en Querétaro, Querétaro,	2013
7	Integración y modulación de la entrada córtico-estriatal en la rata normal y en un modelo de rata hemiparkinsoniana	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	ALICIA ELIZABETH HERNANDEZ ECHEAGARAY , ROMAN VIDAL TAMAYO RAMIREZ, et al.	Facultad de Estudios Superiores "Iztacala", Instituto de Fisiología Celular,	2011
8	Modulación GABAérgica neostriatal en un modelo de rata Hemiparkinsoniana	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	López Huerta, Violeta Gisselle,	Instituto de Fisiología Celular,	2011
9	Participación de conductancias de potasio en la integración sináptica cortico-estriatal	Tesis de Licenciatura	MARIA ELVIRA GALARRAGA PALACIO,	Arias-García , Mario A.,	Instituto de Fisiología Celular,	2010
10	Caracterización del proceso degenerativo de motoneuronas espinales inducido por excitotoxicidad in vivo	Tesis de Maestría	MARIA ELVIRA GALARRAGA PALACIO,	Ramírez Jarquín, Uri Nimrod,	Instituto de Fisiología Celular,	2010
11	Plasticidad en la transmisión sináptica GABAérgica en el neostriado	Tesis de Doctorado	MARIA ELVIRA GALARRAGA PALACIO,	Tecuapetla Aguilar, Fatuel,		2007



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Reporte individual



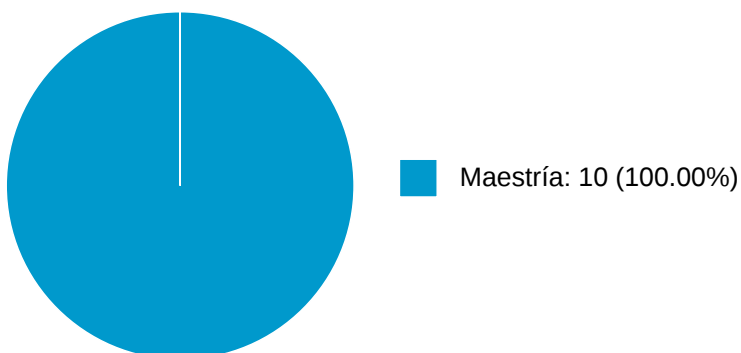
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12	Integracion y modulacion de la entrada cortico-estriatal	Tesis de Maestría	MARIA ELVIRA GALARRAGA PALACIO,	Flores Barrera, Eden,	2007
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MARIA ELVIRA GALARRAGA PALACIO

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TRABAJO DE INVESTIGACIÓN III	Facultad de Ciencias	1	2020-1
2	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Ciencias	1	2019-2
3	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Ciencias	1	2019-1
4	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Ciencias	1	2017-2
5	Maestría	TRABAJO DE INVESTIGACION I-393758	Facultad de Ciencias	1	2017-1
6	Maestría	TRABAJO DE INVESTIGACION IV	Facultad de Ciencias	1	2016-2
7	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Ciencias	1	2016-1
8	Maestría	CURSO IV	Facultad de Química	2	2009-2
9	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Instituto de Investigaciones Biomédicas	1	2009-2
10	Maestría	TOPICOS SELECTOS DE BIOLOGIA	Facultad de Estudios Superiores "Iztacala"	1	2009-2



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Reporte individual



MARIA ELVIRA GALARRAGA PALACIO

PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024