



HECTOR SOLIS CHAGOYAN

Datos Generales

Nombre: HECTOR SOLIS CHAGOYAN

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 2 años

Nombramientos

Último: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Medicina
Desde 01-01-2008 (fecha inicial de registros en el
SIIA) hasta 15-10-2009

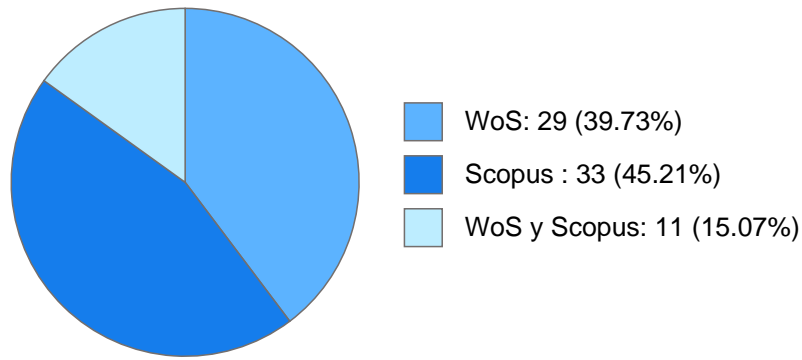
Estímulos, programas, premios y reconocimientos

SNI II 2023
SNI I 2016 - 2022
SNI C 2013 - 2015

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	17 β -estradiol induces hyperresponsiveness in guinea pig airway smooth muscle by inhibiting the plasma membrane Ca ²⁺ -ATPase	EDGAR FLORES SOTO MARIA EUGENIA BETINA SOMMER CERVANTES JORGE EDUARDO REYES GARCIA et al.	MOLECULAR AND CELLULAR ENDOCRINOLOGY	2024
2	<i>Chamaecyparis lawsoniana</i> and Its Active Compound Quercetin as Ca ²⁺ Inhibitors in the Contraction of Airway Smooth Muscle	EDGAR FLORES SOTO HECTOR SOLIS CHAGOYAN EDGAR ANTONIO ESTRELLA PARRA et al.	Molecules	2024
3	Altered PLC β /IP3/Ca ²⁺ Signaling Pathway Activated by GPRCs in Olfactory Neuronal Precursor Cells Derived from Patients Diagnosed with Schizophrenia	EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ MARIA EUGENIA BETINA SOMMER CERVANTES et al.	Biomedicines	2024
4	Phytoestrogen-Based Hormonal Replacement Therapy Could Benefit Women Suffering Late-Onset Asthma	MARIA EUGENIA BETINA SOMMER CERVANTES GEORGINA GONZALEZ AVILA EDGAR FLORES SOTO et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2023
5	Hypoxia Induces Alterations in the Circadian Rhythm in Patients with Chronic Respiratory Diseases	YAIR ROMERO LOPEZ EDGAR FLORES SOTO NADIA ALEJANDRA RIVERO SEGURA et al.	Cells	2023

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6	Estrogenic Modulation of Ionic Channels, Pumps and Exchangers in Airway Smooth Muscle	MARIA EUGENIA BETINA SOMMER CERVANTES HECTOR SOLIS CHAGOYAN JAIME EDUARDO CALIXTO GONZALEZ et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2023
7	Ivermectin: A Controversial Focal Point during the COVID-19 Pandemic	EDGAR FLORES SOTO CITLALTEPETL SALINAS LARA MARIA DE LOURDES FERNANDEZ PLATA et al.	LIFE-BASEL	2022
8	Functional Repercussions of Hypoxia-Inducible Factor-2a in Idiopathic Pulmonary Fibrosis	YAIR ROMERO LOPEZ YALBI ITZEL BALDERAS MARTINEZ EDGAR FLORES SOTO et al.	Cells	2022
9	Further Evidence of the Melatonin Calmodulin Interaction: Effect on CaMKII Activity	HECTOR SOLIS CHAGOYAN Argueta J. Estrada-Reyes R. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022
10	Prodromes and biological markers in schizophrenia: Importance for the dopamine, glutamate, and neurodevelopmental hypothesis	HECTOR SOLIS CHAGOYAN Díaz-Sánchez J.P. Benítez-King G.A.	SALUD MENTAL	2022
11	Hyperbaric oxygen therapy ameliorates pain in overweight or obese patients diagnosed with fibromyalgia	HECTOR SOLIS CHAGOYAN ARNOLDO AQUINO GALVEZ LUIS MANUEL MONTAÑO RAMIREZ et al.	World Academy Of Sciences Journal	2021
12	Possible Beneficial Actions of Caffeine in SARS-CoV-2	LUIS MANUEL MONTAÑO RAMIREZ HECTOR SOLIS CHAGOYAN MARIA EUGENIA BETINA SOMMER CERVANTES et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2021
13	Hyperbaric oxygen therapy in overweight and obese patients with COVID-19	MARIA EUGENIA BETINA SOMMER CERVANTES HECTOR SOLIS CHAGOYAN LUIS MANUEL MONTAÑO RAMIREZ et al.	World Academy Of Sciences Journal	2021
14	Melatonin rescues the dendrite collapse induced by the pro-oxidant toxin okadaic acid in organotypic cultures of rat hilar hippocampus	HECTOR SOLIS CHAGOYAN Domínguez-Alonso A. Valdés-Tovar M. et al.	Molecules	2020
15	Androgens are effective bronchodilators with anti-inflammatory properties: A potential alternative for asthma therapy	LUIS MANUEL MONTAÑO RAMIREZ EDGAR FLORES SOTO MARIA EUGENIA BETINA SOMMER CERVANTES et al.	Steroids	2020
16	Testosterone augments beta(2) adrenergic receptor genomic transcription increasing salbutamol relaxation in airway smooth muscle	EDGAR FLORES SOTO VERONICA DIAZ HERNANDEZ HECTOR SOLIS CHAGOYAN et al.	MOLECULAR AND CELLULAR ENDOCRINOLOG Y	2020

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17	Antitumor Therapy under Hypoxic Microenvironment by the Combination of 2-Methoxyestradiol and Sodium Dichloroacetate on Human Non-Small-Cell Lung Cancer	YAIR ROMERO LOPEZ ALFONSO RAFAEL SALGADO AGUAYO EDGAR FLORES SOTO et al.	OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	2020
18	Purinergic Signaling Pathway in Human Olfactory Neuronal Precursor Cells	HECTOR SOLIS CHAGOYAN EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ et al.	Stem Cells International	2019
19	Dysregulated expression of hypoxia-inducible factors augments myofibroblasts differentiation in idiopathic pulmonary fibrosis	ARNOLDO AQUINO GALVEZ GEORGINA GONZALEZ AVILA EDGAR FLORES SOTO et al.	RESPIRATORY RESEARCH	2019
20	Involvement of Melatonin in the Regulation of the Circadian System in Crayfish	ARMIDA BAEZ SALDAÑA EDGAR FLORES SOTO BEATRIZ FUENTES PARDO et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2018
21	The timing of melatonin administration is crucial for its antidepressant-like effect in mice	HECTOR SOLIS CHAGOYAN Estrada-Reyes R. Valdés-Tovar M. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2018
22	Circadian modulation of neuroplasticity by melatonin: a target in the treatment of depression	ROSA ESTRADA REYES HECTOR SOLIS CHAGOYAN MONTSERRAT GUERRERO CERCOS et al.	BRITISH JOURNAL OF PHARMACOLOGY	2018
23	Circadian rhythm in melatonin release as a mechanism to reinforce the temporal organization of the circadian system in crayfish	ARMIDA BAEZ SALDAÑA RAMON ALVARADO ALVAREZ BEATRIZ FUENTES PARDO et al.	INVERTEBRATE NEUROSCIENCE	2017
24	Abnormally increased secretion in olfactory neuronal precursors from a case of schizophrenia is modulated by melatonin: A pilot study	MONTSERRAT GUERRERO CERCOS HECTOR SOLIS CHAGOYAN CITLALI TRUETA SEGOVIA et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2017
25	The microtubular cytoskeleton of olfactory neurons derived from patients with schizophrenia or with bipolar disorder: Implications for biomarker characterization, neuronal physiology and pharmacological screening	Marcela ValdesTovar CITLALI TRUETA SEGOVIA HECTOR DE JESUS ARGUETA VILLAMAR et al.	MOLECULAR AND CELLULAR NEUROSCIENCE	2016
26	Melatonin stimulates dendrite formation and complexity in the hilar zone of the rat hippocampus: Participation of the Ca ⁺⁺ /calmodulin complex	Aline DominguezAlonso Marcela ValdesTovar HECTOR SOLIS CHAGOYAN et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2015

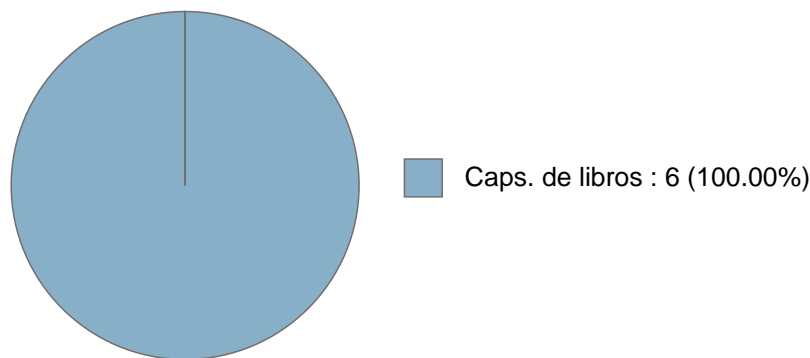
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27	Constant light suppresses production of Met-enkephalin-containing peptides in cultured splenic macrophages and impairs primary immune response in rats	Marcela ValdesTovar CAROLINA ESCOBAR BRIONES HECTOR SOLIS CHAGOYAN et al.	CHRONOBIOLOGY INTERNATIONAL	2015
28	17 β -Aminoestrogens induce guinea pig airway smooth muscle hyperresponsiveness through L-type Ca ²⁺ channels activation	EDGAR FLORES SOTO Inocencio MartinezVilla HECTOR SOLIS CHAGOYAN et al.	Steroids	2015
29	La melatonina como un factor promotor de la diferenciación neuronal: Implicaciones en el tratamiento de las demencias	VANESSA REBECA MAYA AMPUDIA GRACIELA JIMENEZ RUBIO HECTOR SOLIS CHAGOYAN et al.	SALUD MENTAL	2013
30	El cultivo de precursores neuronales del epitelio olfatorio: Un modelo para estudiar la neurofisiopatología de la esquizofrenia	HECTOR SOLIS CHAGOYAN Domínguez-Alonso A. Calixto E. et al.	SALUD MENTAL	2012
31	Alterations of circadian rhythms in neuropsychiatric diseases: Role of melatonin in synchronizing sleep-awake cycle and neuronal polarity [Alteraciones del ciclo circadiano en las enfermedades psiquiátricas: Papel sincronizador de la melato	HECTOR SOLIS CHAGOYAN Jiménez-Rubio G. Domínguez-Alonso A. et al.	SALUD MENTAL	2011
32	A non-invasive method to isolate the neuronal lineage from the nasal epithelium from schizophrenic and bipolar diseases	HECTOR SOLIS CHAGOYAN LUIS MANUEL MONTAÑO RAMIREZ SANDRA MARGARITA MORALES MULIA et al.	JOURNAL OF NEUROSCIENCE METHODS	2011
33	Melatonin modulates the ERG circadian rhythm in crayfish	HECTOR SOLIS CHAGOYAN Leonor Mendoza Vargas BEATRIZ FUENTES PARDO	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR & INTEGRATIVE PHYSIOLOGY	2008

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	INSIGHTS INTO CIRCADIAN MODULATION OF INNATE IMMUNITY: THE ROLE OF MELATONIN AND PROENKEPHALIN-DERIVED OPIOID PEPTIDES	HECTOR SOLIS CHAGOYAN EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ et al.	Capítulo de un Libro	2022	9781685075859
2	Coffee and caffeine respiratory health benefits: A review	MARIA EUGENIA BETINA SOMMER CERVANTES LUIS MANUEL MONTAÑO RAMIREZ EDGAR FLORES SOTO et al.	Capítulo de un Libro	2021	9781536198478
3	Synchronization of the circadian rhythms by melatonin in vertebrate and invertebrate species	RAMON ALVARADO ALVAREZ EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ et al.	Capítulo de un Libro	2020	9781536190656
4	MORPHOMETRIC AND BEHAVIORAL DIVERGENCE IN PROCAMBARUS ACANTHOPHORUS INHABITING IN A COASTAL PLAIN WETLAND AND A MOUNTAIN PINE FOREST	MARIA DEL PILAR CONSTANZA ORTEGA BERNAL EDGAR FLORES SOTO MARIA EUGENIA BETINA SOMMER CERVANTES et al.	Capítulo de un Libro	2020	9781536169423



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5	Molecular mechanisms to control circadian rhythms: Implications for burrowing behavior in crayfish	HECTOR SOLIS CHAGOYAN Galicia-Mendoza F. Rivera-Becerril F. et al.	Capítulo de un Libro	2018	9781536133738
6	Distribution, ecology, harvest and conservation of procambarus acanthophorus (villalobos, 1948)	HECTOR SOLIS CHAGOYAN Mendoza-Vargas, L. Castilla-Hernández, P. et al.	Capítulo de un Libro	2016	9781634853842



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



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PARTICIPACIÓN EN PROYECTOS

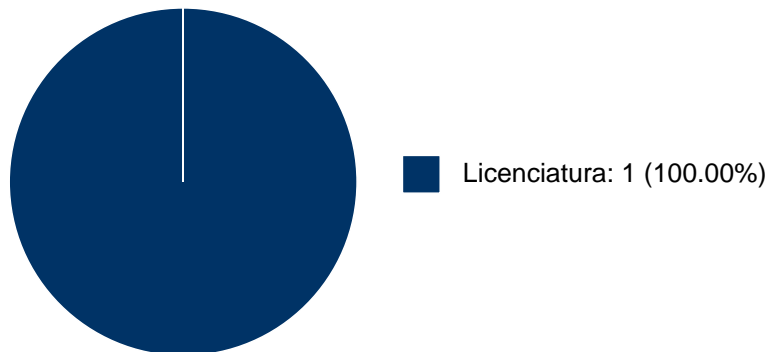
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



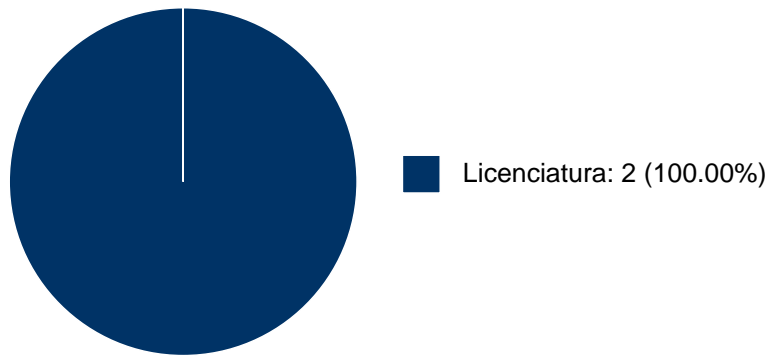
#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Efecto del extracto metanólico de <i>Chamaecyparis lawsoniana</i> sobre la contracción del músculo liso traqueal de cobayo y aorta de rata inducido por diferentes agonistas	Tesis de Licenciatura	EDGAR FLORES SOTO,	HECTOR SOLIS CHAGOYAN, Aguilar Morales, Jordy,	Facultad de Medicina,	2021



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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	BIOQUIMICA Y BIOL.MOLECULAR	Facultad de Medicina	32	2009-0
2	Licenciatura	BIOQUIMICA Y BIOL.MOLECULAR	Facultad de Medicina	35	2008-0



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Reporte individual



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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	2008-2024
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