



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



NESTOR EMMANUEL DIAZ MARTINEZ

Datos Generales

Nombre: NESTOR EMMANUEL DIAZ MARTINEZ

Máximo nivel de estudios: MAESTRÍA

Antigüedad académica en la UNAM: 3 años

Nombramientos

Último: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Medicina Veterinaria y Zootecnia
Desde 16-11-2013 hasta 31-01-2014

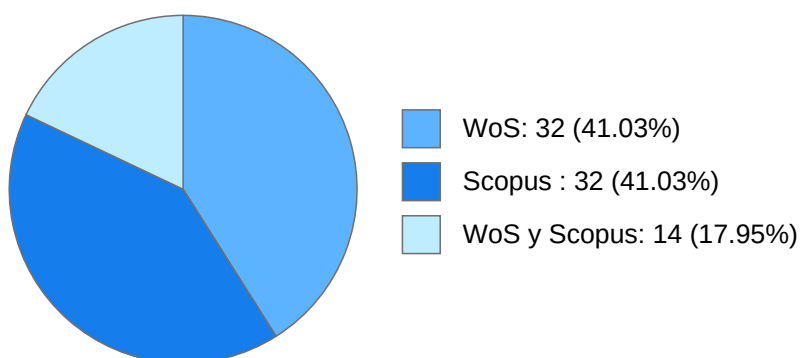
Estímulos, programas, premios y reconocimientos

SNI I 2015 - 2023
SNI C 2012 - 2014
PRIDE C 2012 - 2013

NESTOR EMMANUEL DIAZ MARTINEZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Evaluation methods for decellularized tissues: A focus on human amniotic membrane	NESTOR EMMANUEL DIAZ MARTINEZ Miriam Guadalupe Salgado Garcia Nestor Fabian Diaz et al.	JOURNAL OF BIOSCIENCE AND BIOENGINEERIN G	2025
2	Prolactin drives cortical neuron maturation and dendritic development during murine embryonic stem cell differentiation	GLORIA ALEJANDRA EUGENIA CASTILLA LEON GEORGINA HERNANDEZ MONTES ELIEZER ALEJANDRO FLORES GARZA et al.	Frontiers In Cell And Developmental Biology	2025
3	Experimental Lung Transplantation Related With HIF-1, VEGF, ROS. Assessment of HIF-1α, VEGF, and Reactive Oxygen Species After Competitive Blockade of Chetomin for Lung Transplantation in Rats	ALEJANDRO ZENTELLA DEHESA JOSE LUIS VENTURA GALLEGOS VLADIMIR MIRANDA GALVAN et al.	PHYSIOLOGICAL RESEARCH	2024
4	Changes in the levels of free sialic acid during ex vivo lung perfusion do not correlate with pulmonary function. Experimental model	NESTOR EMMANUEL DIAZ MARTINEZ ADRIANA MENDEZ BERNAL JUAN CARLOS VAZQUEZ MINERO et al.	BMC PULMONARY MEDICINE	2023
5	Parkinson's disease: An update on preclinical studies of induced pluripotent stem cells	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ Valadez-Barba V. et al.	Neurologia	2023

NESTOR EMMANUEL DIAZ MARTINEZ

6	Pluripotent Stem Cells as a Model for Human Embryogenesis	ALEJANDRO MARTINEZ JUAREZ ANAYANSI MOLINA HERNANDEZ WENDY PORTILLO MARTINEZ et al.	Cells	2023
7	Prolactin from Pluripotency to Central Nervous System Development	GUADALUPE ELIZABETH GARCIA LOPEZ ANAYANSI MOLINA HERNANDEZ NESTOR EMMANUEL DIAZ MARTINEZ et al.	Neuroendocrinology	2022
8	The human amniotic epithelium confers a bias to differentiate toward the neuroectoderm lineage in human embryonic stem cells	WENDY PORTILLO MARTINEZ GEORGINA HERNANDEZ MONTES ELIEZER ALEJANDRO FLORES GARZA et al.	eLife	2022
9	Anti-inflammatory activity of cnidoscolus aconitifolius (Mill.) ethyl acetate extract on croton oil-induced mouse ear edema	NESTOR EMMANUEL DIAZ MARTINEZ Padilla-Camberos E. Torres-Gonzalez O.R. et al.	APPLIED SCIENCES-BASE L	2021
10	Ca-Alginate-PEGMA Hydrogels for In Situ Delivery of TGF-beta Neutralizing Antibodies in a Mouse Model of Wound Healing	NESTOR EMMANUEL DIAZ MARTINEZ Gasperin-Bulbarela J. Castro-Ceseña A.B. et al.	APPLIED SCIENCES-BASE L	2021
11	Improvement of the wound healing properties of hydrogels with N-acetylcysteine through their modification with methacrylate-containing polymers	NESTOR EMMANUEL DIAZ MARTINEZ Lesly S. Gomez-Aparicio Johanna Bernaldez-Sarabia et al.	BIOMATERIALS SCIENCE	2021
12	Novel pluripotent stem cell lines for enriched grafting in Parkinson's disease	NESTOR EMMANUEL DIAZ MARTINEZ Cota-Coronado A. Thompson L.	NEURAL REGENERATION RESEARCH	2020
13	Unprecedented potential for neural drug discovery based on self-organizing hiPSC platforms	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ Cota-Coronado A. et al.	Molecules	2020
14	New transgenic models of Parkinson's disease using genome editing technology	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ Cota-Coronado J.A. et al.	Neurologia	2020
15	Human Mesenchymal Stem Cells: The Present Alternative for High-Incidence Diseases, even SARS-Cov-2	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ Juárez-Navarro K.J. et al.	Stem Cells International	2020
16	iPSC for modeling neurodegenerative disorders	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ Valadez-Barba V. et al.	Regenerative Therapy	2020
17	Implications of human induced pluripotent stem cells in metabolic disorders: from drug discovery toward precision medicine	NESTOR EMMANUEL DIAZ MARTINEZ Cota-Coronado A. Ramírez-Rodríguez P.B. et al.	DRUG DISCOVERY TODAY	2019

NESTOR EMMANUEL DIAZ MARTINEZ

18	Neuroprotective effects of phytochemicals on dopaminergic neuron cultures	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ Sandoval-Avila S. et al.	Neurologia	2019
19	Pluripotency markers in tissue and cultivated cells in vitro of different regions of human amniotic epithelium	ANAYANSI MOLINA HERNANDEZ WENDY PORTILLO MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ et al.	EXPERIMENTAL CELL RESEARCH	2019
20	Establishment of human embryonic stem cell line Amicqui-2 using poor-quality embryos from Mexican population	NESTOR EMMANUEL DIAZ MARTINEZ JULIO FRANCISCO DE LA JARA DIAZ ANAYANSI MOLINA HERNANDEZ et al.	STEM CELL RESEARCH	2019
21	Editing the central nervous system through CRISPR/cas9 systems	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ Cota-Coronado A. et al.	FRONTIERS IN MOLECULAR NEUROSCIENCE	2019
22	Effects of Agave fructans (Agave tequilana Weber var. azul) on Body Fat and Serum Lipids in Obesity	NESTOR EMMANUEL DIAZ MARTINEZ Padilla-Camberos E. Barragán-Álvarez C.P. et al.	PLANT FOODS FOR HUMAN NUTRITION	2018
23	In vitro and in vivo postprandial glycemic activity of Citrus limetta peel flour	NESTOR EMMANUEL DIAZ MARTINEZ Flores-Fernandez J.M. Barragán-Álvarez C.P. et al.	PHARMACOGNO SY MAGAZINE	2017
24	Effects of Sildenafil and Tadalafil on Edema and Reactive Oxygen Species Production in an Experimental Model of Lung Ischemia-Reperfusion Injury	DIANA ELODIA AGUILAR LEON ANTONIO DIAZ CRUZ NESTOR EMMANUEL DIAZ MARTINEZ et al.	TRANSPLANTATI ON PROCEEDINGS	2017
25	Fructans from Agave tequilana with a Lower Degree of Polymerization Prevent Weight Gain, Hyperglycemia and Liver Steatosis in High-Fat Diet-Induced Obese Mice	NESTOR EMMANUEL DIAZ MARTINEZ Márquez-Aguirre A.L. Camacho-Ruíz R.M. et al.	PLANT FOODS FOR HUMAN NUTRITION	2016
26	Development of the endocrine pancreas and novel strategies for β -cell mass restoration and diabetes therapy	NESTOR EMMANUEL DIAZ MARTINEZ Márquez-Aguirre A.L. Canales-Aguirre A.A. et al.	Brazilian Journal Of Medical And Biological Research	2015
27	Human amniotic epithelial cells as feeder layer to derive and maintain human embryonic stem cells from poor-quality embryos	ANAYANSI MOLINA HERNANDEZ WENDY PORTILLO MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ et al.	STEM CELL RESEARCH	2015
28	Recovery from experimental Parkinsonism by Semaphorin-guided axonal growth of grafted dopamine neurons	NESTOR EMMANUEL DIAZ MARTINEZ ELISA HORTENSIA TAMARIZ DOMINGUEZ N. Fabian Diaz et al.	MOLECULAR THERAPY	2013

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29	Axon Responses of Embryonic Stem Cell-Derived Dopaminergic Neurons to Semaphorins 3A and 3C	ELISA HORTENSIA TAMARIZ DOMINGUEZ NESTOR EMMANUEL DIAZ MARTINEZ NESTOR FABIAN DIAZ MARTINEZ et al.	JOURNAL OF NEUROSCIENCE RESEARCH	2010
30	Progesterone Increases Dopamine Neurone Number in Differentiating Mouse Embryonic Stem Cells	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ JAIME IVAN VELASCO VELAZQUEZ et al.	JOURNAL OF NEUROENDOCRINOLOGY	2009
31	Estradiol promotes proliferation of dopaminergic precursors resulting in a higher proportion of dopamine neurons derived from mouse embryonic stem cells	NESTOR FABIAN DIAZ MARTINEZ NESTOR EMMANUEL DIAZ MARTINEZ IGNACIO CAMACHO ARROYO et al.	INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE	2009
32	Axonal growth inhibition by chondroitin sulfate proteoglycans in the central nervous system	NESTOR EMMANUEL DIAZ MARTINEZ JAIME IVAN VELASCO VELAZQUEZ	REVISTA DE INVESTIGACION CLINICA-CLINICAL AND TRANSLATIONAL INVESTIGATION	2009

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	iPSC for modeling of metabolic and neurodegenerative disorders	NESTOR EMMANUEL DIAZ MARTINEZ Valadez-Barba V. Cota-Coronado A. et al.	Capítulo de un Libro	2022	9780128238820
2	Laboratorios de Investigación en Biotecnología Médica - Estudios preclínicos en investigación, desarrollo e innovación biotecnológica	NESTOR EMMANUEL DIAZ MARTINEZ	Libro Completo	2016	9786079742102
3	Laboratorios de Investigación en Biotecnología Médica Aspectos Funcionales y Diseño Centro de Investigación y Asistencia en Tecnología y Diseño del Estado de Jalisco, A.C.	NESTOR EMMANUEL DIAZ MARTINEZ	Libro Completo	2015	9786079661960



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PARTICIPACIÓN EN PROYECTOS

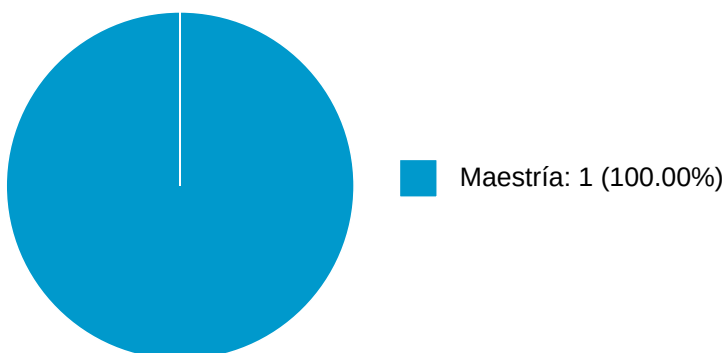
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

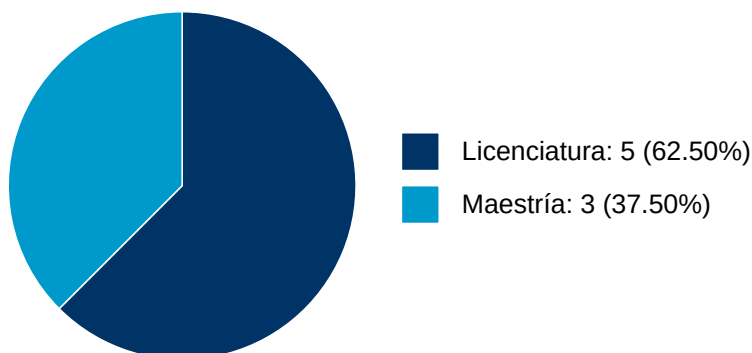


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Caracterización de células estromales mesenquimales derivadas de tejido adiposo en perro doméstico (canis lupus familiaris) para su probable uso terapéutico en medicina veterinaria	Tesis de Maestría	NESTOR EMMANUEL DIAZ MARTINEZ,	Macuil Rojas, Benjamín,		2017

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Medicina Veterinaria y Zootecnia	1	2016-1
2	Maestría	TRABAJO DE INVESTIGACION II	Facultad de Medicina Veterinaria y Zootecnia	1	2015-2
3	Maestría	TRABAJO DE INVESTIGACION I	Facultad de Medicina Veterinaria y Zootecnia	1	2015-1
4	Licenciatura	BIOQUIMICA	Facultad de Medicina Veterinaria y Zootecnia	55	2014-1
5	Licenciatura	BIOL. MOLEC DE LA CELULA III	Facultad de Ciencias	24	2013-2
6	Licenciatura	BIOL. MOLEC DE LA CELULA III	Facultad de Ciencias	21	2012-2
7	Licenciatura	BIOL. MOLEC DE LA CELULA III	Facultad de Ciencias	9	2011-2
8	Licenciatura	BIOL. MOLEC DE LA CELULA III	Facultad de Ciencias	23	2010-1



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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	2008-2025
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