



## **NAYELLI NAJERA GARCIA**

### **Datos Generales**

**Nombre:** NAYELLI NAJERA GARCIA

**Máximo nivel de estudios:** MAESTRÍA

**Antigüedad académica en la UNAM:** 8 años

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### **Nombramientos**

**Último:** PROFESOR ASIGNATURA A TP No Definitivo  
Facultad de Química  
Desde 01-03-2010 hasta 31-07-2012

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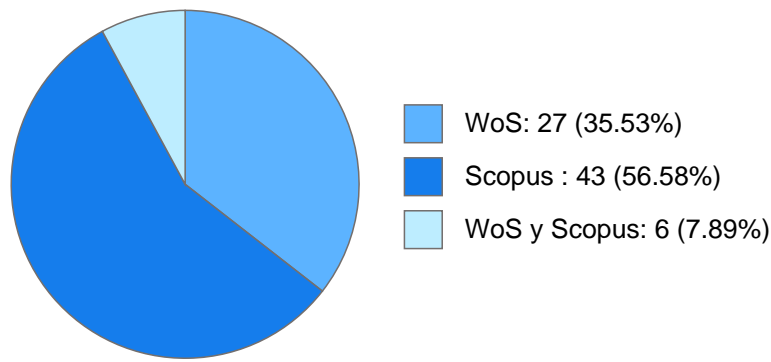
### **Estímulos, programas, premios y reconocimientos**

SNI II 2022 - 2023  
SNI I 2014 - 2021  
SNI C 2011 - 2013  
PRIDE C 2009 - 2011

**NAYELLI NAJERA GARCIA**

**DOCUMENTOS EN REVISTAS**

**Histórico de Documentos**



#	Título	Autores	Revista	Año
1	The terrible epidemic that devastates Mexico. A national crusade against atherosclerosis is urgently needed;	EDUARDO MEANEY MENDIOLEA CARLOS ALBERTO AGUILAR SALINAS LUIS ANTONIO ALCOGER DIAZ BARREIRO et al.	Cardiovascular And Metabolic Science	2024
2	Is it possible to treat nonalcoholic liver disease using a flavanol-based nutraceutical approach? Basic and clinical data	SALVADOR FONSECA CORONADO EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA et al.	Journal of Basic and Clinical Physiology and Pharmacology	2022
3	A minireview of high blood pressure prevalence in some contemporary hunter or fisher-gatherer communities	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA Hidalgo I. et al.	Cardiovascular And Metabolic Science	2022
4	Dyslipidemias, fatty liver, and cardiovascular disease	SALVADOR FONSECA CORONADO EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA et al.	Cardiovascular And Metabolic Science	2022
5	(-)-Epicatechin Is a Biased Ligand of Apelin Receptor	NAYELLI NAJERA GARCIA Portilla-Martínez A. Ortiz-Flores M.A. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022
6	Beneficial Effects of Flavonoids on Skeletal Muscle Health: A Systematic Review and Meta-Analysis	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Munguía L. et al.	JOURNAL OF MEDICINAL FOOD	2022

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7	In silico evaluation of flavonoids as potential inhibitors of SARS-CoV-2 main nonstructural proteins (Nsps)?amentoflavone as a multitarget candidate	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Portilla-Martínez A. et al.	JOURNAL OF MOLECULAR MODELING	2022
8	Efficacy of water-based vitamin E solution versus placebo in the prevention of retinopathy of prematurity in very low birth weight infants A randomized clinical trial	ENRIQUE REYES MUÑOZ NAYELLI NAJERA GARCIA JAVIER MANCILLA RAMIREZ et al.	Medicine	2021
9	Anticancer potential of (-)-epicatechin in a triple-negative mammary gland model	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Georgina Almaguer et al.	JOURNAL OF PHARMACY AND PHARMACOLOGY	2021
10	Translational medicine/research: who receive the benefits?	NAYELLI NAJERA GARCIA Ceballos G. Ortiz-Flores M.	Cardiovascular And Metabolic Science	2021
11	(-)-Epicatechin reduces muscle waste after complete spinal cord transection in a murine model: role of ubiquitin?proteasome system	HERMELINDA SALGADO CEBALLOS EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA et al.	MOLECULAR BIOLOGY REPORTS	2020
12	Defining pharmacological terms based on receptor ligand interactions	CYNTHIA GONZALEZ RUIZ NAYELLI NAJERA GARCIA Portilla-Martínez A. et al.	Cardiovascular And Metabolic Science	2020
13	Effects of (-)-epicatechin on the time course of the expression of perilipins in a diet-induced model of nonalcoholic steatohepatitis	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA JAVIER PEREZ DURAN et al.	JOURNAL OF NUTRITIONAL BIOCHEMISTRY	2020
14	PXR is a target of (-)-epicatechin in skeletal muscle	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA Miguel Ortiz-Flores et al.	Heliyon	2020
15	Arginase inhibition by (-)-Epicatechin reverses endothelial cell aging	PATRICIA MENDOZA LORENZO NAYELLI NAJERA GARCIA Garate-Carrillo A. et al.	EUROPEAN JOURNAL OF PHARMACOLOGY	2020
16	Effects of Cacao By-Products and a Modest Weight Loss Intervention on the Concentration of Serum Triglycerides in Overweight Subjects: Proof of Concept	NAYELLI NAJERA GARCIA FIACRO JIMENEZ PONCE EDUARDO MEANEY MENDIOLEA et al.	JOURNAL OF MEDICINAL FOOD	2020
17	Flavonoids from dark chocolate and (-)-epicatechin ameliorate high-fat diet-induced decreases in mobility and muscle damage in aging mice	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Munguia L. et al.	Food Bioscience	2020

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18	Effects of chronic inhibition of Testosterone metabolism on cardiac remodeling after ischemia/reperfusion-induced myocardial damage in gonadectomized rats	ICELA PALMA LARA NAYELLI NAJERA GARCIA Maldonado O. et al.	BIOLOGY OPEN	2019
19	Efecto del flavanol (-)-epicatequina en un modelo murino de esteatosis hepática no alcohólica inducida por dieta	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA Hidalgo I. et al.	Revista Latinoamericana De Química	2019
20	Efecto de (-)-Epicatequina en la pérdida de masa muscular en un modelo murino de lesión de médula espinal por sección completa	NAYELLI NAJERA GARCIA Gonzalez-Ruiz C. Ceballos G.	Revista Latinoamericana De Química	2019
21	Structural and energetic basis for novel epicatechin derivatives acting as GPER agonists through the MMGBSA method	NAYELLI NAJERA GARCIA Bello M. Méndez-Luna D. et al.	JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY	2019
22	Effect of (-)-epicatechin on the modulation of progression markers of chronic renal damage in a 5/6 nephrectomy experimental model	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA Montes-Rivera J. et al.	Heliyon	2019
23	High flavonoid cocoa supplement ameliorates plasma oxidative stress and inflammation levels while improving mobility and quality of life in older subjects: A double-blind randomized clinical trial	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Munguía L. et al.	JOURNALS OF GERONTOLOGY SERIES A-BIOLOGICAL SCIENCES AND MEDICAL SCIENCES	2019
24	Obesity and Cardiovascular Risk Improvement Using Cacao By-Products in a Diet-Induced Obesity Murine Model	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Hidalgo I. et al.	JOURNAL OF MEDICINAL FOOD	2019
25	A pilot study on clinical pharmacokinetics and preclinical pharmacodynamics of (+)-epicatechin on cardiometabolic endpoints	NAYELLI NAJERA GARCIA Moreno-Ulloa A. Hernández M. et al.	FOOD & FUNCTION	2018
26	Association of physical performance tests with frailty indicators and oxidative stress markers in a sample of a community-dwelling elderly population	NAYELLI NAJERA GARCIA Munguía L. Solís V. et al.	BIOMED RES-INDIA	2018

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27	The attempt to demolish the science and practice of preventive cardiovascular medicine. Part I Addendum to the positioning around the diagnosis and treatment of dyslipidemias of ANIAM and the joint group of associated medical societies	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Barros C.L.F. et al.	Revista Mexicana De Cardiología	2018
28	Synthesis of novel (-)-epicatechin derivatives as potential endothelial GPER agonists: Evaluation of biological effects	NAYELLI NAJERA GARCIA Sarmiento V. Ramirez-Sanchez I. et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2018
29	The cardioprotective effects of (-)-Epicatechin are mediated through arginase activity inhibition in a murine model of ischemia/reperfusion	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA Ortiz-Vilchis P. et al.	EUROPEAN JOURNAL OF PHARMACOLOGY	2018
30	Once again, what's in a name? Redefining the concepts of the metabolic syndrome and obesity phenotypes. Part I	EDUARDO MEANEY MENDIOLEA GUILLERMO FANGHANEL SALMON NAYELLI NAJERA GARCIA et al.	Revista Mexicana De Cardiología	2017
31	Once again, what's in a name? Redefining the concepts of the metabolic syndrome and obesity phenotypes. Part II	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA JUAN MIGUEL RIVERA CAPELLO et al.	Revista Mexicana De Cardiología	2017
32	Metformin enhances left ventricular function in patients with metabolic syndrome	HUGO VELAZQUEZ MORENO NAYELLI NAJERA GARCIA Meaney A. et al.	Revista Mexicana De Cardiología	2016
33	Is local nitric oxide availability responsible for myocardial salvage after remote preconditioning?	JUAN MIGUEL RIVERA CAPELLO NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA et al.	ARQ BRAS CARDIOL	2016
34	Beneficial effects of a flavanol-enriched cacao beverage on anthropometric and cardiometabolic risk profile in overweight subjects	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA Munguía L. et al.	Revista Mexicana De Cardiología	2015
35	Atherosclerotic risk in middle-aged women with rheumatoid arthritis	NAYELLI NAJERA GARCIA EDUARDO MEANEY MENDIOLEA Santos-Altamirano A. et al.	Revista Mexicana De Cardiología	2015
36	Aneusomy detection with Karyolite-Bac on Beads® is a cost-efficient and high throughput strategy in the molecular analyses of the early pregnancy conception losses	NAYELLI NAJERA GARCIA GLORIA EUGENIA QUEIPO GARCIA PerezDuran, Javier et al.	MOLECULAR CYTOGENETICS	2015

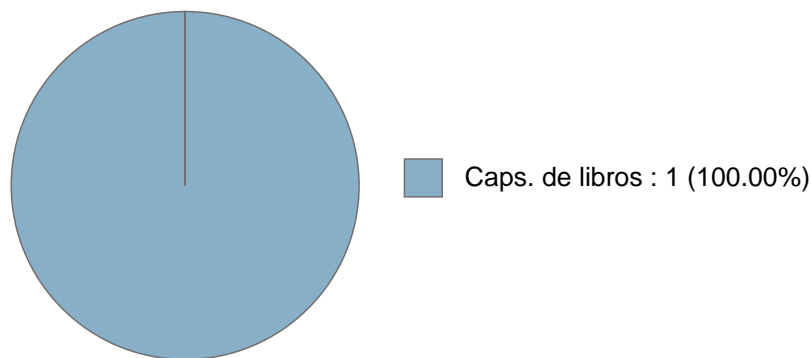
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37	The high frequency of genetic diseases in hypotonic infants referred by neuropediatrics	Zacil Vilchis NAYELLI NAJERA GARCIA LOURDES DEL CARMEN GONZALEZ HUESCA et al.	AMERICAN JOURNAL OF MEDICAL GENETICS PART A	2014
38	New genetic abnormalities in non-21a-hydroxylase-deficiency congenital adrenal hyperplasia	M. Martín NAYELLI NAJERA GARCIA N. Garibay et al.	SEXUAL DEVELOPMENT	2013
39	Small nuclear ribonucleoprotein polypeptide N quantitative methylation analysis in infants with central hypotonia	NAYELLI NAJERA GARCIA LOURDES DEL CARMEN GONZALEZ HUESCA JAVIER PEREZ DURAN et al.	JOURNAL OF PEDIATRIC ENDOCRINOLOG Y & METABOLISM	2011
40	Detection of Fusion Genes in Formalin-fixed Paraffin-embedded Tissue Sections of Rhabdomyosarcoma by RT-PCR and Fluorescence In Situ Hybridization in Mexican Patients	NAYELLI NAJERA GARCIA KAREM NIETO MARTINEZ SUSANA HELENA KOFMAN EPSTEIN et al.	Archives Of Medical Research	2010
41	Mix Gonadal Dysgenesis Associated with Ring Y Chromosome Mosaics in a Phenotypic Male	J. A. Lopez Valdes KAREM NIETO MARTINEZ NAYELLI NAJERA GARCIA et al.	SEXUAL DEVELOPMENT	2009
42	Loss of Cytochrome P450 17A1 Protein Expression in a 17 alpha-Hydroxylase/17,20-Lyase-Deficient 46,XY Female Caused by Two Novel Mutations in the CYP17A1 Gene	NAYELLI NAJERA GARCIA ICELA PALMA LARA JAVIER PEREZ MENDOZA et al.	ENDOCCR PATHOL	2009
43	Intracranial germ cell tumors: association with Klinefelter syndrome and sex chromosome aneuploidies	GLORIA EUGENIA QUEIPO GARCIA KAREM NIETO MARTINEZ ICELA PALMA LARA et al.	CYTOGENETIC AND GENOME RESEARCH	2008

**NAYELLI NAJERA GARCIA**

**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**



#	Título	Autores	Alcance	Año	ISBN
1	Mexican epidemiological paradox: A developing country with a burden of ?richness? diseases. An update	EDUARDO MEANEY MENDIOLEA NAYELLI NAJERA GARCIA Munguía L. et al.	Capítulo de un Libro	2019	978044463952 3



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



**NAYELLI NAJERA GARCIA**

**PARTICIPACIÓN EN PROYECTOS**

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

**NAYELLI NAJERA GARCIA**





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**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
**Reporte individual**



**NAYELLI NAJERA GARCIA**

**PARTICIPACIÓN EN TESIS**

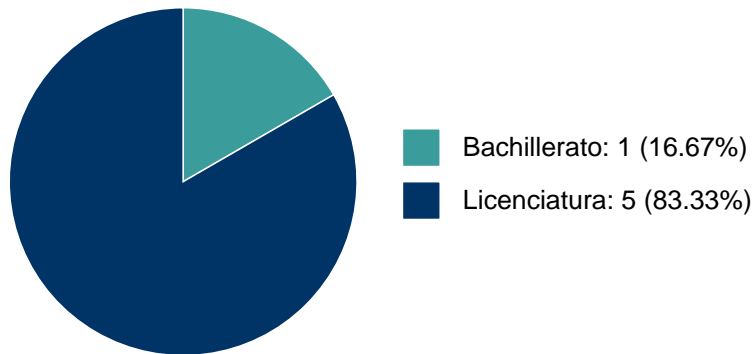
**No se encuentran registros en la base de datos de TESIUNAM asociados a:**

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**DOCENCIA IMPARTIDA**

**Histórico de docencia**



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	INTRODUCC. A LA GENOMICA	Facultad de Química	40	2012-1
2	Licenciatura	INTRODUCC. A LA GENOMICA	Facultad de Química	46	2011-2
3	Licenciatura	INTRODUCC. A LA GENOMICA	Facultad de Química	40	2011-1
4	Licenciatura	INTRODUCC. A LA GENOMICA	Facultad de Química	51	2010-2
5	Bachillerato	CIENCIAS D LA VIDA Y D LA TIERRA II	Coordinación de Universidad Abierta y Educación a Distancia	13	2010-2
6	Licenciatura	BIOQUIMICA EXPERIMENTAL	Facultad de Química	24	2009-1



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**Coordinación de Planeación, Evaluación y**  
**Simplificación de la Gestión Institucional**  
**Reporte individual**



**NAYELLI NAJERA GARCIA**

**PATENTES**

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

**NAYELLI NAJERA GARCIA**

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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