



ALICIA SAMPIERI GARCIA

Datos Generales

Nombre: ALICIA SAMPIERI GARCIA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 27 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR C TC Definitivo
Instituto de Fisiología Celular
Desde 01-06-2016
Desde 01-06-2016 PROFESOR ASIGNATURA A No Definitivo
Facultad de Ciencias
Desde 16-05-2025

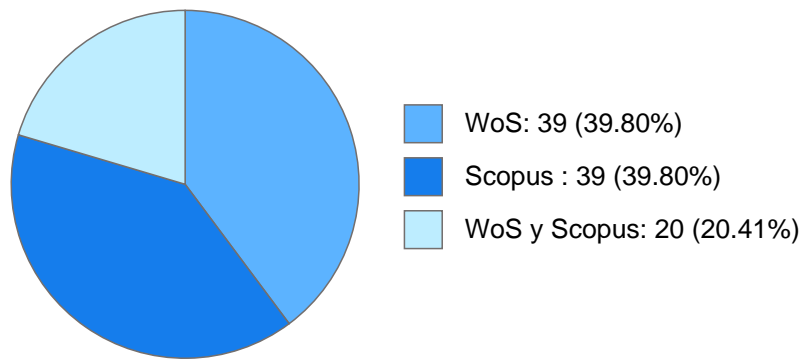
Estímulos, programas, premios y reconocimientos

SNI I 2025 - VIGENTE
SNI I 2020 - 2022
SNI I - 2018
PRIDE C 2021 - 2024
PRIDE D 2016 - 2021
PRIDE C 2014 - 2016
PRIDE Fijo 2014
PRIDE C 2014
PRIDE Fijo 2014
PRIDE C 2012 - 2013
PRIDE Fijo 2012
PRIDE C 2012
PRIDE Fijo 2011 - 2012
PRIDE D - 2011

ALICIA SAMPIERI GARCIA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	The handshake between the continuous remodeling of the endoplasmic reticulum and the store-operated calcium entry	ALICIA SAMPIERI GARCIA ADRIANA PATRICIA RODRIGUEZ HERNANDEZ LUIS ALFONSO VACA DOMINGUEZ et al.	Cell Calcium	2026
2	Resolving viral structural complexity by super-resolution microscopy	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ Kevin Olaya-Bravo et al.	ARCHIVES OF VIROLOGY	2025
3	Chemical but not mechanical stimulation reduce TRPA1 channel lateral mobility	ALICIA SAMPIERI GARCIA AARON PAVEL RODRIGUEZ HERNANDEZ ZAIRA ILEANA TOBIAS JUAREZ et al.	Cell Calcium	2025
4	Incidence and management of the main serious adverse events reported after COVID-19 vaccination	GUADALUPE TERESA PADILLA FLORES ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ	PHARMACOLOGY AND RESEARCH & PERSPECTIVES	2024
5	Resolving the differential distribution of structural proteins in baculovirus using single-molecule localization microscopy	DANIEL MARTINEZ FLORES ALICIA SAMPIERI GARCIA ADOLFO CRUZ RESENDIZ et al.	JOURNAL OF GENERAL VIROLOGY	2024
6	A secondary structure within small peptides guiding spontaneous self-aggregation and nanoparticle formation	DANIEL MARTINEZ FLORES ALICIA SAMPIERI GARCIA ARMANDO HERNANDEZ GARCIA et al.	Nanoscale Advances	2024

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7	Baculovirus Display of Peptides and Proteins for Medical Applications	DANIEL MARTINEZ FLORES ADOLFO CRUZ RESENDIZ GUADALUPE TERESA PADILLA FLORES et al.	Viruses–Basel	2023
8	STIMI: The lord of the rings?	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ Pacheco J.	Cell Calcium	2023
9	The conducting state of TRPA1 modulates channel lateral mobility	ALICIA SAMPIERI GARCIA GUADALUPE TERESA PADILLA FLORES LUIS ALFONSO VACA DOMINGUEZ et al.	Cell Calcium	2023
10	Super-resolution microscopy for the study of store-operated calcium entry	ALICIA SAMPIERI GARCIA MANUEL ORTINEZ BENAVIDES ADAN OSWALDO GUERRERO CARDENAS et al.	Cell Calcium	2022
11	Design of Hydrogel Silk-Based Microarrays and Molecular Beacons for Reagentless Point-of-Care Diagnostics	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ Monroy-Contreras R. et al.	Frontiers in Bioengineering and Biotechnology	2022
12	An ambient-temperature stable nanoparticle-based vaccine for nasal application that confers long-lasting immunogenicity to carried antigens	ADOLFO CRUZ RESENDIZ GONZALO ASARIEL ACERO GALINDO ALICIA SAMPIERI GARCIA et al.	FRONTIERS IN IMMUNOLOGY	2022
13	Developing a Portable Device for the Identification of miRNAs in Fluids	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ Asanov A.	Methods in Molecular Biology	2021
14	SARS-CoV-2 Vaccines Based on the Spike Glycoprotein and Implications of New Viral Variants	DANIEL MARTINEZ FLORES ADOLFO CRUZ RESENDIZ ALICIA SAMPIERI GARCIA et al.	FRONTIERS IN IMMUNOLOGY	2021
15	Genome-Wide Association Study Identifies a Functional SIDT2 Variant Associated With HDL-C (High-Density Lipoprotein Cholesterol) Levels and Premature Coronary Artery Disease	PAOLA VIRIDIANA LEON MIMILA HUGO VILLAMIL RAMIREZ LEONOR JACOBO ALBAVERA et al.	ARTERIOSCLERO SIS THROMBOSIS AND VASCULAR BIOLOGY	2021
16	A self-aggregating peptide: Implications for the development of thermostable vaccine candidates	ALICIA SAMPIERI GARCIA GONZALO ASARIEL ACERO GALINDO JOSE IVAN SANCHEZ BETANCOURT et al.	BMC BIOTECHNOLOG Y	2020
17	?Funny? channels in cardiac mitochondria modulate membrane potential and oxygen consumption	GUADALUPE TERESA PADILLA FLORES ZINAELI LOPEZ GONZALEZ LUIS ALFONSO VACA DOMINGUEZ et al.	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIO NS	2020

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18	Phosphorylation of NMDA receptors by cyclin B/CDK1 modulates calcium dynamics and mitosis	MARGARITA JACARANDA ROSENDO PINEDA JONATHAN ENRIQUE PACHECO ROMERO ARLET DEL CARMEN LOZA HUERTA et al.	Communicatio ns Biology	2020
19	Incorporation of ORF2 from Porcine Circovirus Type 2(PCV2) into genetically encoded nanoparticles as a novel vaccine using a self-aggregating peptide	ALICIA SAMPIERI GARCIA ROSALBA CARREON NAPOLES JOSE IVAN SANCHEZ BETANCOURT et al.	Vaccine	2019
20	Heterologous calcium-dependent inactivation of Orai1 by neighboring TRPV1 channels modulates cell migration and wound healing	ARLETTE BOHORQUEZ HERNANDEZ JONATHAN ENRIQUE PACHECO ROMERO ALICIA SAMPIERI GARCIA et al.	Communicatio ns Biology	2019
21	Novel Potassium Channels in Kidney Mitochondria: The Hyperpolarization-Activated and Cyclic Nucleotide-Gated HCN Channels	CAROLINA SALVADOR HERNANDEZ JOSE PEDRAZA CHAVERRI LUIS ALFONSO VACA DOMINGUEZ et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2019
22	Association of the IP3R to STIM1 provides a reduced intraluminal calcium microenvironment, resulting in enhanced store-operated calcium entry	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ Santoyo K. et al.	SCIENTIFIC REPORTS	2018
23	Identification of fragments from Autographa Californica polyhedrin protein essential for self-aggregation and exogenous protein incorporation	ALICIA SAMPIERI GARCIA AGUSTIN LUZ MADRIGAL LUIS ALFONSO VACA DOMINGUEZ et al.	BMC BIOCHEMISTRY	2015
24	Combined single channel and single molecule detection identifies subunit composition of STIM1-activated transient receptor potential canonical (TRPC) channels	ALICIA SAMPIERI GARCIA Jonathan Pacheco LUIS ALFONSO VACA DOMINGUEZ et al.	Cell Calcium	2015
25	Protection against Amoebic Liver Abscess in Hamster by Intramuscular Immunization with an Autographa californica Baculovirus Driving the Expression of the Gal-Lectin LC3 Fragment	Dulce Maria MenesesRuiz JOSE HUGO AGUILAR DIAZ RAUL JOSE BOBES RUIZ et al.	BIOMED RESEARCH INTERNATIONAL	2015
26	A relay mechanism between EB1 and APC facilitate STIM1 puncta assembly at endoplasmic reticulum-plasma membrane junctions	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ Asanov, Alexander et al.	Cell Calcium	2013

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27	A cholesterol recognition amino acid consensus domain in GP64 fusion protein facilitates anchoring of baculovirus to mammalian cells	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ Luz-Madrigal, Agustin et al.	JOURNAL OF VIROLOGY	2013
28	Somatostatin modulates generation of inspiratory rhythms and determines asphyxia survival	JOSUE ORLANDO RAMIREZ JARQUIN JUAN JAVIER LOPEZ GUERRERO Miguel A. Aguilera et al.	Peptides	2012
29	STIM1 and Orail mediate thrombin-induced Ca ²⁺ influx in rat cortical astrocytes	Claudia Moreno ALICIA SAMPIERI GARCIA Oscar Vivas et al.	Cell Calcium	2012
30	Mucosal Delivery of ACNPV Baculovirus Driving Expression of the Gal-Lectin LC3 Fragment Confers Protection against Amoebic Liver Abscess in Hamster	D. M. Meneses Ruiz JUAN PEDRO LACLETTE SAN ROMAN H. Aguilar Diaz et al.	INTERNATIONAL JOURNAL OF BIOLOGICAL SCIENCES	2011
31	Visualizing the store-operated channel complex assembly in real time: Identification of SERCA2 as a new member	ALICIA SAMPIERI GARCIA ANGELICA ZEPEDA RIVERA LUIS ALFONSO VACA DOMINGUEZ et al.	Cell Calcium	2009
32	Regulation of the cellular localization and function of human transient receptor potential channel 1 by other members of the TRPC family	Ordaz Benito ALICIA SAMPIERI GARCIA ANGELICA ZEPEDA RIVERA et al.	Cell Calcium	2008
33	Regulation of the cellular localization and function of human transient receptor potential channel 1 by other members of the TRPC family (vol 43, pg 375, 2008)	Salgado Alfons Ordaz Benito ALICIA SAMPIERI GARCIA et al.	Cell Calcium	2008
34	The foot structure from the type 1 ryanodine receptor is required for functional coupling to store-operated channels	ALICIA SAMPIERI GARCIA MAURICIO DIAZ MUÑOZ ANAID ANTARAMIAN SALAS et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2005
35	Calmodulin and calcium interplay in the modulation of TRPC5 channel activity: Identification of a novel C-terminal domain for calcium/calmodulin-mediated facilitation	BENITO ORDAZ SANCHEZ ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2005
36	Silencing structural and nonstructural genes in baculovirus by RNA interference	ALICIA SAMPIERI GARCIA VIVIANA DEL CARMEN VALADEZ GRAHAM FELIX RECILLAS TARGA et al.	VIRUS RESEARCH	2004
37	Using double-stranded RNA to prevent in vitro and in vivo viral infections by recombinant baculovirus	ALICIA SAMPIERI GARCIA LUIS ALFONSO VACA DOMINGUEZ VICTOR JULIAN VALDES RODRIGUEZ et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2003



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38	Calmodulin modulates the delay period between release of calcium from internal stores and activation of calcium influx via endogenous TRP1 channels	LUIS ALFONSO VACA DOMINGUEZ ALICIA SAMPIERI GARCIA	JOURNAL OF BIOLOGICAL CHEMISTRY	2002
39	Sequence and functional analysis of the Streptomyces phaeochromogenes plasmid pJV1 reveals a modular organization of Streptomyces plasmids that replicate by rolling circle	LUIS SERVIN GONZALEZ ALICIA SAMPIERI GARCIA CLEMENTINA CASTRO HERNANDEZ et al.	MICROBIOLOGY -SGM	1995



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LIBROS Y CAPITULOS CON ISBN

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

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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

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

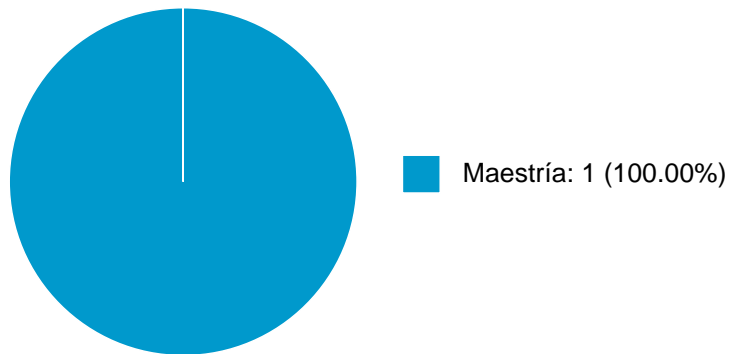
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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Medicina Veterinaria y Zootecnia	1	2014-2



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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	2008-2026
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2026
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	2008-2026
9	Documentos Indexados	Thomson Reuters	WoS	2008-2026
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2026
11	Patentes	IMPI	SIGA	2008-2024