



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



ROBERTO PABLO STOCK SILBERMAN

Datos Generales

Nombre: ROBERTO PABLO STOCK SILBERMAN

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 18 años

Nombramientos

Último: INVESTIGADOR TITULAR B TC Definitivo
Instituto de Biotecnología
Desde 01-08-2013 hasta 31-07-2014

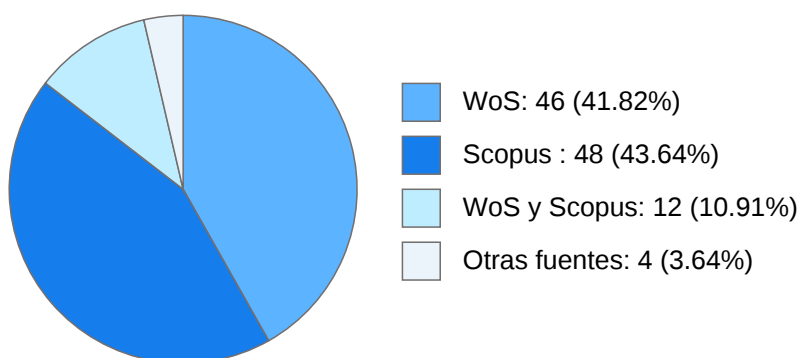
Estímulos, programas, premios y reconocimientos

SNI II 2009 - 2017
SNI I 2008
PRIDE C - 2014

ROBERTO PABLO STOCK SILBERMAN

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Lipids, membranes, colloids and cells: A long view	ROBERTO PABLO STOCK SILBERMAN Bagatolli L.A.	BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMB RANES	2021
2	Cellular metabolism and colloids: Realistically linking physiology and biological physical chemistry	ROBERTO PABLO STOCK SILBERMAN Bagatolli L.A. Mangiarotti A.	PROGRESS IN BIOPHYSICS & MOLECULAR BIOLOGY	2021
3	Glycolytic oscillations and intracellular K ⁺ concentration are strongly coupled in the yeast <i>Saccharomyces cerevisiae</i>	ROBERTO PABLO STOCK SILBERMAN Olsen L.F. Bagatolli L.A.	ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS	2020
4	Inductive effects in amino acids and peptides: Ionization constants and tryptophan fluorescence	ROBERTO PABLO STOCK SILBERMAN ENRIQUE RUDIÑO PIÑERA Lara-Popoca J. et al.	Biochemistry And Biophysics Reports	2020
5	Coupled response of membrane hydration with oscillating metabolism in live cells: An alternative way to modulate structural aspects of biological membranes?	ROBERTO PABLO STOCK SILBERMAN Bagatolli L.A. Olsen L.F.	Biomolecules	2019

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6	Is a constant low-entropy process at the root of glycolytic oscillations?	ROBERTO PABLO STOCK SILBERMAN Thoke H.S. Olsen L.F. et al.	JOURNAL OF BIOLOGICAL PHYSICS	2018
7	Enzymatic studies on planar supported membranes using a widefield fluorescence LAURDAN Generalized Polarization imaging approach	ROBERTO PABLO STOCK SILBERMAN Brewer, J. Thoke, H.S. et al.	BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES	2017
8	The dynamics of intracellular water constrains glycolytic oscillations in <i>Saccharomyces cerevisiae</i>	ROBERTO PABLO STOCK SILBERMAN Thoke H.S. Thorsteinsson S. et al.	SCIENTIFIC REPORTS	2017
9	Tight coupling of metabolic oscillations and intracellular water dynamics in <i>Saccharomyces cerevisiae</i>	ROBERTO PABLO STOCK SILBERMAN Thoke H.S. Tobiesen A. et al.	PLOS ONE	2015
10	Use of antivenoms for the treatment of envenomation by Elapidae snakes in Guinea, Sub-Saharan Africa	ROBERTO PABLO STOCK SILBERMAN Balde, Mamadou C. Chippaux, Jean-Philippe et al.	Journal of Venomous Animals and Toxins Including Tropical Diseases	2013
11	Création de la Société africaine de venimologie	ROBERTO PABLO STOCK SILBERMAN Chippaux J.P. Diouf A. et al.	B SOC PATHOL EXOT	2013
12	System-size dependence of particle-ratio fluctuations in Pb + Pb collisions at 158A GeV	ANDRES SANDOVAL ESPINOSA ROBERTO PABLO STOCK SILBERMAN Anticic T. et al.	PHYSICAL REVIEW C	2013
13	Clinical study of tolerance and effectiveness of a F (ab') ₂ polyvalent antienom for African snake bites in Kindia, Guinea [Étude clinique de la tolérance et de l'efficacité d'un sérum anti-ophidien polyvalent F (ab') ₂ pour l'Afrique a	ROBERTO PABLO STOCK SILBERMAN Baldé M.C. Chippaux J.-P. et al.	B SOC PATHOL EXOT	2012
14	Report of the 4th International Conference on Envenomations by Snakebites and Scorpion Stings in Africa, Dakar, April 25-29, 2011 [4e Conférence internationale sur les envenimations par morsures de serpent et piqures de scorpion en Afrique	ROBERTO PABLO STOCK SILBERMAN Chippaux J.-P. Diouf A. et al.	B SOC PATHOL EXOT	2012
15	Myotoxicity and nephrotoxicity by <i>Micrurus</i> venoms in experimental envenomation	ROBERTO PABLO STOCK SILBERMAN Rafael de Roodt, Adolfo Ruben Lago, Nestor	Toxicon	2012

ROBERTO PABLO STOCK SILBERMAN

16	Sphingomyelinase D Activity in Model Membranes: Structural Effects of in situ Generation of Ceramide-1-Phosphate	ROBERTO PABLO STOCK SILBERMAN BLANCA MARGARITA RAMOS CERRILLO Brewer, Jonathan et al.	PLOS ONE	2012
17	A Study of Venoms from Individual Snakes of Two Populations of <i>Rhinocerothis (Bothrops) alternatus</i> of Argentina	ROBERTO PABLO STOCK SILBERMAN Lanari, Laura C. Laskowicz, Rodrigo D. et al.	Toxicon	2012
18	Experimental, Immunochemical Reactivity and Neutralizing Capacity of <i>Rhinocerothis (Bothrops) alternatus</i> Antivenoms, from Distinct Geographical Sources	ALEJANDRO OLVERA RODRIGUEZ FELIPE OLVERA RODRIGUEZ ROBERTO PABLO STOCK SILBERMAN et al.	Toxicon	2012
19	Local Damage produced by <i>Vipera</i> and <i>Macrovipera</i> Venoms and Some Immunochemical Characteristics	Irving Archundia ALEJANDRO ALAGON CANO ROBERTO PABLO STOCK SILBERMAN et al.	Toxicon	2012
20	Exploring Supramolecular Aspects of the Effect of Sphingomyelinase D On Sphingomyelin-Containing Membranes	BLANCA MARGARITA RAMOS CERRILLO ROBERTO PABLO STOCK SILBERMAN Wagner, Kerstin et al.	BIOPHYSICAL JOURNAL	2011
21	Neutralization of <i>Vipera</i> and <i>Macrovipera</i> venoms by two experimental polyvalent antisera: A study of paraspecificity	Irving G. Archundia BLANCA MARGARITA RAMOS CERRILLO ALEJANDRO ALAGON CANO et al.	Toxicon	2011
22	Neutralization of <i>Bothrops alternatus</i> regional venom pools and individual venoms by antivenom: A systematic comparison	ROBERTO PABLO STOCK SILBERMAN Rafael de Roodt, Adolfo Cecilia Lanari, Laura et al.	Toxicon	2011
23	Report of the 4th international conference on envenomations by snakebites and scorpion stings in Africa, Dakar, April 25-29, 2011	ROBERTO PABLO STOCK SILBERMAN Chippaux J.-P. Diouf A. et al.	Toxicon	2011
24	[The 4th international conference on snake bites and scorpion stings in Dakar, April 25-29, 2011]. [La 4eme Conférence Internationale sur les Envenimations par Morsures de Serpent et Piqûres de Scorpion en Afrique Dakar 25-29 avril 2011.]	ROBERTO PABLO STOCK SILBERMAN Chippaux J.P. Diouf A. et al.	Medecine Tropicale	2011
25	CLINICAL STUDY OF SAFETY AND APPARENT EFFICACY OF ANTIVIPMYN (R) AFRICA FOR THE TREATMENT OF SNAKEBITE IN KINDIA, A FOREST REGION OF GUINEA	ROBERTO PABLO STOCK SILBERMAN Balde, Cellou M. Massougboji, Achille et al.	AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE	2010

ROBERTO PABLO STOCK SILBERMAN

26	Exploring Molecular and Supramolecular Aspects of Sphingomyelin-Containing Membranes Upon Action of Sphingomyelinase D	BLANCA MARGARITA RAMOS CERRILLO ROBERTO PABLO STOCK SILBERMAN Wagner, Kerstin et al.	BIOPHYSICAL JOURNAL	2010
27	Methodology of clinical studies dealing with the treatment of envenomation	ROBERTO PABLO STOCK SILBERMAN Chippaux, Jean-Philippe Massougbojji, Achille	Toxicon	2010
28	Paraspecific neutralization of the venom of African species of cobra by an equine antiserum against Naja melanoleuca: A comparative study	Andrea Casasola BLANCA MARGARITA RAMOS CERRILLO Alejandro Carbajal Saucedo et al.	Toxicon	2009
29	Membrane structure and the activity of sphingomyelinase D: a story of interference	BLANCA MARGARITA RAMOS CERRILLO ROBERTO PABLO STOCK SILBERMAN Wagner, Kerstin et al.	CHEMISTRY AND PHYSICS OF LIPIDS	2009
30	Characterization of a new polyvalent antivenom (Antivipmyn (R) Africa) against African vipers and elapids	BLANCA MARGARITA RAMOS CERRILLO Andrea Casasola ALEJANDRO ALAGON CANO et al.	Toxicon	2008
31	Report of the 3rd International Conference on Envenomations in Africa [Troisième Conférence internationale sur les envenimations en Afrique. Brazzaville, 15-17 novembre 2007]	ROBERTO PABLO STOCK SILBERMAN Chippaux J.-P. Massougbojji A. et al.	B SOC PATHOL EXOT	2008
32	Upregulation of IL-6, IL-8, CXCL1, and CXCL2 dominates gene expression in human fibroblast cells exposed to Loxosceles reclusa sphingomyelinase D: Insights into spider venom dermonecrosis [2]	BLANCA MARGARITA RAMOS CERRILLO ALEJANDRO OLVERA RODRIGUEZ ROBERTO PABLO STOCK SILBERMAN et al.	JOURNAL OF INVESTIGATIVE DERMATOLOGY	2007
33	Bringing antivenoms to sub-Saharan Africa	ROBERTO PABLO STOCK SILBERMAN ALEJANDRO ALAGON CANO Massougbojji A. et al.	Nature Biotechnology	2007
34	Study of the efficacy of the black stone on envenomation by snake bite in the murine model	BLANCA MARGARITA RAMOS CERRILLO ROBERTO PABLO STOCK SILBERMAN Chippaux J.-P.	Toxicon	2007
35	Response to Moolenaar et al. [4]	BLANCA MARGARITA RAMOS CERRILLO ALEJANDRO OLVERA RODRIGUEZ ROBERTO PABLO STOCK SILBERMAN et al.	JOURNAL OF INVESTIGATIVE DERMATOLOGY	2007
36	Clinical trial of an F(ab') ₂ polyvalent equine antivenom for African snake bites in Benin	ROBERTO PABLO STOCK SILBERMAN ALEJANDRO ALAGON CANO Chippaux J.-P. et al.	AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE	2007

ROBERTO PABLO STOCK SILBERMAN

37	Study of the action of black stone (also known as snakestone or serpent stone) on experimental envenomation [Étude de l'action de la pierre noire sur l'envenimation expérimentale]	ROBERTO PABLO STOCK SILBERMAN Chippaux J.-P. Diédhiou I.	Sante (Montrouge, France)	2007
38	North and South American Loxosceles spiders: Development of a polyvalent antivenom with recombinant sphingomyelinases D as antigens	ALEJANDRO OLVERA RODRIGUEZ BLANCA MARGARITA RAMOS CERRILLO HERLINDA CATALINA CLEMENT CARRETERO et al.	Toxicon	2006
39	Entamoeba histolytica: Intracellular distribution of the sec61a subunit of the secretory pathway and down-regulation by antisense peptide nucleic acids	ANDRES MARTIN SARALEGUI AMARO ALFONSO OLIVOS GARCIA ROSANA SANCHEZ LOPEZ et al.	EXPERIMENTAL PARASITOLOGY	2005
40	Report of the 2nd International Conference on Envenomations in Africa (Deuxième Colloque International sur les Envenimations en Afrique)	ROBERTO PABLO STOCK SILBERMAN ALEJANDRO ALAGON CANO Chippaux J.-P.	Toxicon	2005
41	Erratum: Genetic and enzymatic characterization of sphingomyelinase D isoforms from the North American fiddleback spiders Loxosceles boneti and Loxosceles reclusa (Toxicon (2004) 44 (507-514) PII: S0041-0101(04)00283-1 and DOI: S0041-0101(04	BLANCA MARGARITA RAMOS CERRILLO ALEJANDRO OLVERA RODRIGUEZ FERNANDO ZAMUDIO ZUÑIGA et al.	Toxicon	2005
42	Cellular organization and appearance of differentiated structures in developing stages of the parasitic platyhelminth Echinococcus granulosus	ROBERTO PABLO STOCK SILBERMAN ANDRES MARTIN SARALEGUI AMARO Martínez C. et al.	JOURNAL OF CELLULAR BIOCHEMISTRY	2005
43	Genetic and enzymatic characterization of sphingomyelinase D isoforms from the North American fiddleback spiders Loxosceles boneti and Loxosceles reclusa	BLANCA MARGARITA RAMOS CERRILLO ALEJANDRO OLVERA RODRIGUEZ FERNANDO ZAMUDIO ZUÑIGA et al.	Toxicon	2004
44	Selective inhibition of inducible cyclo-oxygenase-2 expression by antisense peptide nucleic acids in intact murine macrophages	ROBERTO PABLO STOCK SILBERMAN Scarfi S. Giovine M. et al.	BIOTECHNOLOG Y AND APPLIED BIOCHEMISTRY	2003
45	The sigmoidal curve of cancer	ROBERTO PABLO STOCK SILBERMAN Bialy H.	Nature Biotechnology	2003
46	Entamoeba histolytica: Intracellular distribution of the proteasome	ALEJANDRO ALAGON CANO ROBERTO PABLO STOCK SILBERMAN Sánchez R.	EXPERIMENTAL PARASITOLOGY	2002

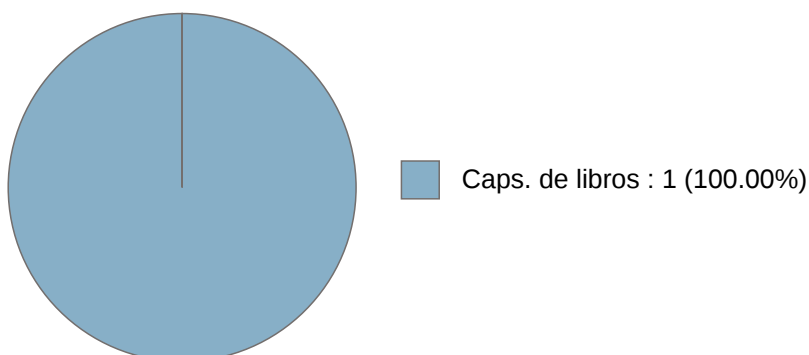
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47	Modification of actin, myosin and tubulin distribution during cytoplasmic granule movements associated with platelet adhesion	ROBERTO PABLO STOCK SILBERMAN Cerecedo D. González S. et al.	HAEMATOLOGIC A	2002
48	Multiplicity distribution and spectra of negatively charged hadrons in Au + Au collisions at $\sqrt{s_{NN}} = 130$ GeV	MA. DE LOS ANGELES IRMA CARDENAS SORIANO FRANCISCO MIGUEL DE JESUS CASTRO MARTINEZ GUY PAIC et al.	PHYSICAL REVIEW LETTERS	2001
49	Characterization of the Ehrab8 gene, a marker of the late stages of the secretory pathway of Entamoeba histolytica	ROSANA SANCHEZ LOPEZ ROBERTO PABLO STOCK SILBERMAN ALEJANDRO OLVERA RODRIGUEZ et al.	MOLECULAR AND BIOCHEMICAL PARASITOLOGY	2001
50	Inhibition of gene expression in Entamoeba histolytica with antisense peptide nucleic acid oligomers	ROBERTO PABLO STOCK SILBERMAN ANDRES MARTIN SARALEGUI AMARO ROSANA SANCHEZ LOPEZ et al.	Nature Biotechnology	2001
51	Molecular genetics of the secretory pathway in Entamoeba histolytica: An overview	ROSANA SANCHEZ LOPEZ FELIPE OLVERA RODRIGUEZ ANDRES MARTIN SARALEGUI AMARO et al.	Archives Of Medical Research	2000
52	Rab8 as a molecular model of vesicular trafficking to investigate the latter steps of the secretory pathway in Entamoeba histolytica	ROSANA SANCHEZ LOPEZ ROBERTO PABLO STOCK SILBERMAN ALEJANDRO ALAGON CANO et al.	Archives Of Medical Research	2000
53	Inhibition of neomycin phosphotransferase expression in Entamoeba histolytica with antisense peptide nucleic acid (PNA) oligomers	ROBERTO PABLO STOCK SILBERMAN ALEJANDRO OLVERA RODRIGUEZ ALEJANDRO ALAGON CANO et al.	Archives Of Medical Research	2000
54	Entamoeba histolytica contains a gene encoding a homologue to the 54 kDa subunit of the signal recognition particle	ROSANA SANCHEZ LOPEZ ROBERTO PABLO STOCK SILBERMAN ALEJANDRO ALAGON CANO et al.	MOLECULAR AND BIOCHEMICAL PARASITOLOGY	1997
55	The secretory pathway of Entamoeba histolytica: Characterization and expression of the SRP54 gene	ROBERTO PABLO STOCK SILBERMAN ALEJANDRO ALAGON CANO Ramos M.A. et al.	Archives Of Medical Research	1997
56	The Entamoeba histolytica proteasome α -subunit gene	ROBERTO PABLO STOCK SILBERMAN ROSANA SANCHEZ LOPEZ FELIPE OLVERA RODRIGUEZ et al.	MOLECULAR AND BIOCHEMICAL PARASITOLOGY	1997

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Antivenom Safety and Tolerance for the Strategy of Snake Envenomation Management	ROBERTO PABLO STOCK SILBERMAN	Capítulo de un Libro	2015	9789400766488



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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

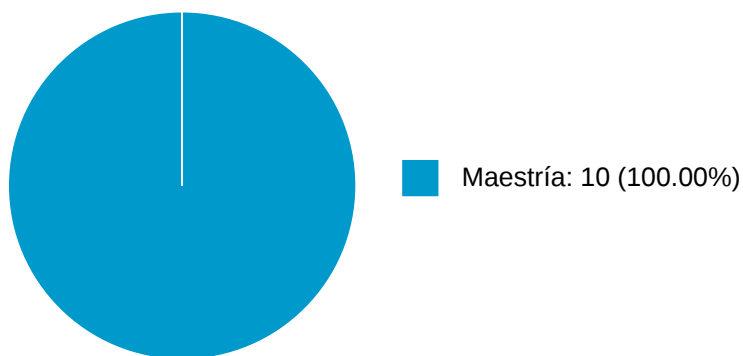
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	CURSO IV	Instituto de Biotecnología	3	2014-1
2	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2013-2
3	Maestría	CURSO III	Instituto de Biotecnología	7	2013-1
4	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2013-1
5	Maestría	CURSO IV	Instituto de Biotecnología	14	2010-2
6	Maestría	CURSO III	Instituto de Biotecnología	9	2010-2
7	Maestría	CURSO III	Instituto de Biotecnología	4	2009-2
8	Maestría	CURSO IV	Instituto de Biotecnología	4	2009-2
9	Maestría	CURSO III	Instituto de Biotecnología	3	2008-2
10	Maestría	CURSO IV	Instituto de Biotecnología	7	2008-2

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PATENTES

#	Título	Inventores	Sección	Año
1	INMUNÓGENO Y ANTI-VENENO CONTRA EL VENENO DE LA ARAÑA VIOLINISTA.	ALEJANDRO OLVERA RODRIGUEZ, ROBERTO PABLO STOCK SILBERMAN, ALEJANDRO ALAGON CANO, et al.	CHEMISTRY; METALLURGYHUMAN NECESSITIES	2012
2	INMUNOGENO Y ANTIVENENO CONTRA EL VENENO DE LA ARAÑA VIOLINISTA.	ALEJANDRO OLVERA RODRIGUEZ, ROSANA SANCHEZ LOPEZ, ROBERTO PABLO STOCK SILBERMAN, et al.	CHEMISTRY; METALLURGYHUMAN NECESSITIES	2012
3	INMUNOGENO Y ANTIVENENO CONTRA EL VENENO DE LA ARAÑA VIOLINISTA.	ALEJANDRO ALAGON CANO, ROBERTO PABLO STOCK SILBERMAN, BLANCA MARGARITA RAMOS CERRILLO, et al.	CHEMISTRY; METALLURGY	2016

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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