



## **SILVIA IVONNE MORA HERRERA**

### **Datos Generales**

**Nombre:** SILVIA IVONNE MORA HERRERA

**Máximo nivel de estudios:**

**Antigüedad académica en la UNAM:** 23 años

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### **Nombramientos**

**Vigente:** TECNICO ACADEMICO TITULAR A TC No Definitivo  
Instituto de Investigaciones Biomédicas  
Desde 16-06-2010  
Desde 16-06-2010 PROFESOR ASIGNATURA A TP No Definitivo  
Facultad de Medicina  
Desde 01-01-2008 (fecha inicial de registros en el SIIA)

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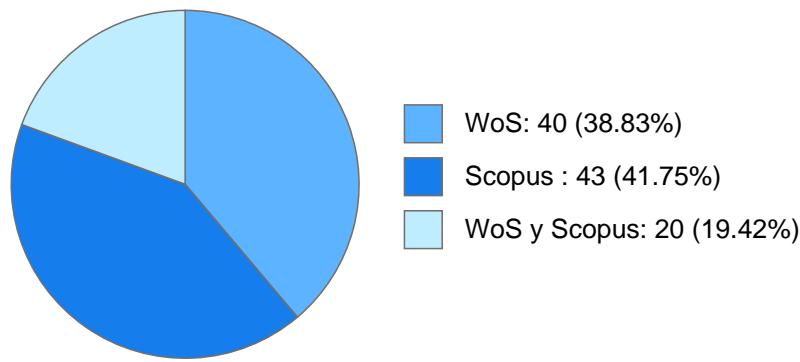
### **Estímulos, programas, premios y reconocimientos**

SNI I 2013 - 2015  
SNI C 2009 - 2011  
PRIDE C 2013 - 2024  
PRIDE B 2010 - 2013

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**DOCUMENTOS EN REVISTAS**

**Histórico de Documentos**



#	Título	Autores	Revista	Año
1	The Interstitial Gland as a Source of Pro- or Anti-Senescent Cells during Chinchilla Rabbit Ovarian Aging	VERONICA DIAZ HERNANDEZ JOSE ALEJANDRO MARMOLEJO VALENCIA GABRIELA PIÑON ZARATE et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2024
2	Partial biochemical and immunological characterization of an isolated 52.1 kDa pregnancy-associated glycoprotein charge variant	JOSE GERARDO PERERA MARIN EVERARDO GONZALEZ PADILLA CLARA MURCIA MEJIA et al.	REPRODUCTIVE BIOLOGY	2024
3	Factores de riesgo de la enfermedad hepática grasa asociada a disfunción metabólica en población hispano-mexicana	SILVIA IVONNE MORA HERRERA Morales-Romero J. Ortíz-León M.C. et al.	REVISTA ESPANOLA DE SALUD PUBLICA	2023
4	Efficacy of nutrition therapy with food rich in methionine for treating nonalcoholic fatty liver	SILVIA IVONNE MORA HERRERA Jaime Morales-Romero Maria Cristina Ortiz Leon et al.	ARCHIVOS LATINOAMERICA NOS DE NUTRICION	2023
5	A novel, sequencing-free strategy for the functional characterization of Taenia solium proteomic fingerprint	MARIA CRISTINA PARADA COLIN CLARA INES ESPITIA PINZON ADRIAN OCHOA LEYVA et al.	PLOS NEGLECTED TROPICAL DISEASES	2021

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6	The knockdown of eIF4A1 interferes with the respiratory syncytial virus replication cycle	SILVIA IVONNE MORA HERRERA ELISA HORTENSIA TAMARIZ DOMINGUEZ Nancy Martínez-Martínez et al.	ACTA VIROLOGICA	2021
7	Neuregulin 4 downregulation induces insulin resistance in 3t3-l1 adipocytes through inflammation and autophagic degradation of glut4 vesicles	SILVIA IVONNE MORA HERRERA Díaz-Sáez F. Blanco-Sinfreu C. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2021
8	A bacterial strain of Pseudomonas aeruginosa B0406 pathogen opportunistic, produce a biosurfactant with tolerance to changes of pH, salinity and temperature	SILVIA IVONNE MORA HERRERA Somoza-Coutiño G. Wong-Villarreal A. et al.	MICROBIAL PATHOGENESIS	2020
9	Production of distinct labdane-type diterpenoids using a novel cryptic labdane-like cluster from Streptomyces thermocarboxydus K155	PABLO VINUESA FLEISCHMANN MARTHA LYDIA MACIAS RUBALCAVA BALDOMERO ESQUIVEL RODRIGUEZ et al.	APPLIED MICROBIOLOGY AND BIOTECHNOLOG Y	2020
10	Chronic liver diseases and the potential use of S-adenosyl-L-methionine as a hepatoprotector	SILVIA IVONNE MORA HERRERA García-Román J. Gómez-Ñañez I. et al.	EUROPEAN JOURNAL OF GASTROENTERO LOGY & HEPATOLOGY	2018
11	Glucose-dependent insulinotropic polypeptide promotes lipid deposition in subcutaneous adipocytes in obese type 2 diabetes patients: A maladaptive response	SILVIA IVONNE MORA HERRERA Thondam, S.K. Daousi, C. et al.	AMERICAN JOURNAL OF PHYSIOLOGY-EN DOCRINOLOGY AND METABOLISM	2017
12	eIF4E as a Control Target for Viruses	SILVIA IVONNE MORA HERRERA Montero, Hilda GarciaRoman, Rebeca	Viruses-Basel	2015
13	Viral coinfection in acute respiratory infection in Mexican children treated by the emergency service: A cross-sectional study	SILVIA IVONNE MORA HERRERA Díaz, Jahaziel MoralesRomero, Jaime et al.	ITALIAN JOURNAL OF PEDIATRICS	2015
14	4EBP1 is Dephosphorylated by Respiratory Syncytial Virus Infection	SILVIA IVONNE MORA HERRERA PerezGil, Gustavo LandaCardena, Adriana et al.	Intervirolgy	2015
15	The Rab11 effector protein FIP1 regulates adiponectin trafficking and secretion (LoS ONE (2013) 8, 9 (e74687) DOI: 10.1371/journal.pone.0074687)	SILVIA IVONNE MORA HERRERA Carson B.P. Del Bas J.M. et al.	PLOS ONE	2014

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16	The rab11 effector protein FIP1 regulates adiponectin trafficking and secretion.	SILVIA IVONNE MORA HERRERA Carson B.P. Del Bas J.M. et al.	PLOS ONE	2013
17	Rotavirus prevents the expression of host responses by blocking the nucleocytoplasmic transport of polyadenylated mRNAs	Rosa M. Rubio SILVIA IVONNE MORA HERRERA PEDRO ROMERO GONZALEZ et al.	JOURNAL OF VIROLOGY	2013
18	Identification of Novel Type 2 Diabetes Candidate Genes Involved in the Crosstalk between the Mitochondrial and the Insulin Signaling Systems	SILVIA IVONNE MORA HERRERA Mercader J.M. Puiggros M. et al.	PLOS GENETICS	2012
19	Insulin signaling regulates fatty acid catabolism at the level of CoA activation	SILVIA IVONNE MORA HERRERA Xu X. Gopalacharyulu P. et al.	PLOS GENETICS	2012
20	Evaluation of macrophage plasticity in brown and white adipose tissue	SILVIA IVONNE MORA HERRERA Teresa Ortega M. Xie L. et al.	CELLULAR IMMUNOLOGY	2011
21	PvAMT1, a Highly Selective Ammonium Transporter That Functions as H <sup>+</sup> /NH <sub>4</sub> <sup>+</sup> Symporter	Carlos Ortiz Ramirez SILVIA IVONNE MORA HERRERA Jorge Trejo et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2011
22	Interactive changes between macrophages and adipocytes	SILVIA IVONNE MORA HERRERA Xie L. Ortega M.T. et al.	CLIN VACCINE IMMUNOL	2010
23	Pore Mutations in Ammonium Transporter AMT1 with Increased Electrogenic Ammonium Transport Activity	SILVIA IVONNE MORA HERRERA OMAR HOMERO PANTOJA AYALA Loque, Dominique et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2009
24	Adiponectin and leptin are secreted through distinct trafficking pathways in adipocytes	SILVIA IVONNE MORA HERRERA Xie L. O'Reilly C.P. et al.	BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE	2008
25	Activation of the Cbl insulin signaling pathway in cardiac muscle; Dysregulation in obesity and diabetes	SILVIA IVONNE MORA HERRERA Gupte A.	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	2006
26	Intracellular trafficking and secretion of adiponectin is dependent on GGA-coated vesicles	SILVIA IVONNE MORA HERRERA Xie L. Boyle D. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2006
27	Phosphorylation of a tyrosine at the N-terminus regulates the surface expression of GIRK5 homomultimers	SILVIA IVONNE MORA HERRERA LEONILA IRMA LAURA ESCOBAR PEREZ	FEB LETTERS	2005

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28	Atypical protein kinase C (PKC $\alpha$ /? $\beta$ ) is a convergent downstream target of the insulin-stimulated phosphatidylinositol 3-kinase and TC10 signaling pathways	SILVIA IVONNE MORA HERRERA Kanzaki M. Hwang J.B. et al.	JOURNAL OF CELL BIOLOGY	2004
29	Basal activity of GIRK5 isoforms	CAROLINA SALVADOR HERNANDEZ SILVIA IVONNE MORA HERRERA BENITO ORDAZ SANCHEZ et al.	LIFE SCIENCES	2003
30	An adipocentric view of signaling and intracellular trafficking	SILVIA IVONNE MORA HERRERA Pessin J.E.	DIABETES-META BOLISM RESEARCH AND REVIEWS	2002
31	The insulin receptor catalyzes the tyrosine phosphorylation of caveolin-1.	SILVIA IVONNE MORA HERRERA Kimura A. Shigematsu S. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2002
32	NCS-1 inhibits insulin-stimulated GLUT4 translocation in 3T3L1 adipocytes through a phosphatidylinositol 4-kinase-dependent pathway	SILVIA IVONNE MORA HERRERA Durham P.L. Smith J.R. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2002
33	Erratum: The insulin receptor catalyzes the tyrosine phosphorylation of caveolin-1 (Journal of Biological Chemistry (2002) 277 (30153-30158))	SILVIA IVONNE MORA HERRERA Kimura A. Shigematsu S. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2002
34	The MEF2A and MEF2D isoforms are differentially regulated in muscle and adipose tissue during states of insulin deficiency	SILVIA IVONNE MORA HERRERA Yang C. Ryder J.W. et al.	Endocrinology	2001
35	VAMP3 null mice display normal constitutive, insulin- and exercise-regulated vesicle trafficking	SILVIA IVONNE MORA HERRERA Yang C. Ryder J.W. et al.	MOLECULAR AND CELLULAR BIOLOGY	2001
36	Syntaxin 4 heterozygous knockout mice develop muscle insulin resistance	SILVIA IVONNE MORA HERRERA Yang C. Coker K.J. et al.	JOURNAL OF CLINICAL INVESTIGATION	2001
37	Rab4 affects both recycling and degradative endosomal trafficking	SILVIA IVONNE MORA HERRERA McCaffrey M.W. Bielli A. et al.	FEBS LETTERS	2001
38	Lipid raft microdomain compartmentalization of TC10 is required for insulin signaling and GLUT4 translocation	SILVIA IVONNE MORA HERRERA Watson R.T. Shigematsu S. et al.	JOURNAL OF CELL BIOLOGY	2001
39	CAP defines a second signalling pathway required for insulin-stimulated glucose transport	SILVIA IVONNE MORA HERRERA Baumann C.A. Ribon V. et al.	Nature	2000

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40	The MEF2A isoform is required for striated muscle-specific expression of the insulin-responsive GLUT4 glucose transporter	SILVIA IVONNE MORA HERRERA Pessin J.E.	JOURNAL OF BIOLOGICAL CHEMISTRY	2000
41	Heterologous expression of rab4 reduces glucose transport and GLUT4 abundance at the cell surface in oocytes	SILVIA IVONNE MORA HERRERA Monden I. Zorzano A. et al.	BIOCHEMICAL JOURNAL	1997
42	Chronic high-fat feeding and middle-aging reduce in an additive fashion Glut4 expression in skeletal muscle and adipose tissue	SILVIA IVONNE MORA HERRERA Sevilla L. Gumà A. et al.	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	1997
43	Expression and insulin-regulated distribution of caveolin in skeletal muscle: Caveolin does not colocalize with glut4 in intracellular membranes	SILVIA IVONNE MORA HERRERA Muñ~oz P. Sevilla L. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	1996



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



**SILVIA IVONNE MORA HERRERA**

**LIBROS Y CAPITULOS CON ISBN**

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

**SILVIA IVONNE MORA HERRERA**



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



**SILVIA IVONNE MORA HERRERA**

**PARTICIPACIÓN EN PROYECTOS**

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

**SILVIA IVONNE MORA HERRERA**





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



**SILVIA IVONNE MORA HERRERA**

**PARTICIPACIÓN EN TESIS**

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

**SILVIA IVONNE MORA HERRERA**



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



**SILVIA IVONNE MORA HERRERA**

**DOCENCIA IMPARTIDA**

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

**SILVIA IVONNE MORA HERRERA**



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



**SILVIA IVONNE MORA HERRERA**

**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