ARNOLDO AQUINO GALVEZ

Datos Generales

Nombre: ARNOLDO AQUINO GALVEZ

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 15 años

Nombramientos

Vigente: PROFESOR ASIGNATURA A No Definitivo
Facultad de Medicina
Desde 01-09-2025

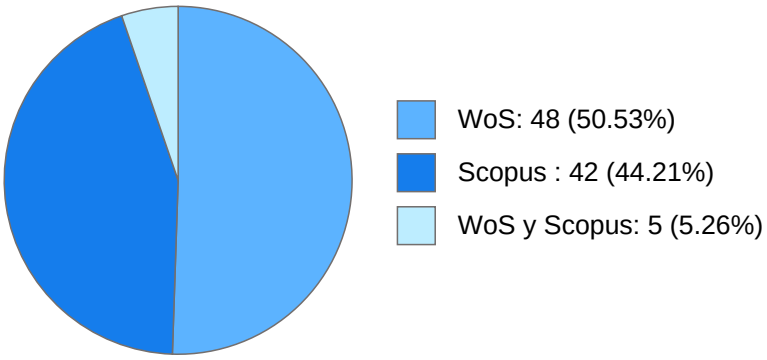
Estímulos, programas, premios y reconocimientos

SNI II 2025 - VIGENTE
SNI I 2017 - 2024
SNI I 2013 - 2015
SNI C 2012

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Mitochondrial proteomics reveals reductive metabolism dependent on glutamine in fibroblasts of idiopathic pulmonary fibrosis under hypoxia	YAIR ROMERO LOPEZ NAYELI TORRES RAMIREZ ROSARIO ORTIZ HERNANDEZ et al.	SCIENTIFIC REPORTS	2026
2	Genetic risk score constructed with common genetic variants in GCKR, FADS1, BCO1, and FGF21 is associated with lipid profile in Mexican adults	TANIA VALENTINA LOPEZ PEREZ ARNOLDO AQUINO GALVEZ JORGE SALMERON CASTRO et al.	NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES	2026
3	Effect of Hypoxia in the Transcriptomic Profile of Lung Fibroblasts from Idiopathic Pulmonary Fibrosis (vol 11, 3014, 2022)	YAIR ROMERO LOPEZ Yalbi I. Balderas Martinez EDGAR FLORES SOTO et al.	Cells	2026
4	Pulmonary manifestations and clinical management of echinococcosis in a low-endemic region of Mexico: a 15-year retrospective cohort study at a tertiary hospital	VICTOR HUGO AHUMADA TOPETE ELIO GERMAN RECINOS CARRERA ARNOLDO AQUINO GALVEZ et al.	Tropical Medicine and Health	2025
5	The Hypoxia?Retinoid Axis in Idiopathic Pulmonary Fibrosis: Multifaceted Etiology and Therapeutic Potential	YAIR ROMERO LOPEZ EDGAR FLORES SOTO GEORGINA GONZALEZ AVILA et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2025

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6	Modulation of the Antitumor Response to Metformin, Caffeine, and Sodium Dichloroacetate by the Hypoxic Microenvironment in Lung Cancer Cells	HERIBERTO PRADO GARCIA AIDA SUSANA ROMERO GARCIA GEORGINA GONZALEZ AVILA et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2025
7	Synergistic and Antagonistic Effects of Metformin-caffeine and Metformin-dichloroacetate Combinations on Cell Viability of Lung Adenocarcinoma Under Hypoxia	ARNOLDO AQUINO GALVEZ YAIR ROMERO LOPEZ EDGAR FLORES SOTO et al.	AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	2025
8	Interactions Between Prolactin, Intracellular Signaling, and Possible Implications in the Contractility and Pathophysiology of Asthma	JAIME EDUARDO CALIXTO GONZALEZ JUAN CARLOS GOMEZ VERJAN MARCO ANTONIO CERBON CERVANTES et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2025
9	Psychotic Disorder Secondary to Cerebral Venous Thrombosis Caused by Primary Thrombophilia in a Pediatric Patient with Protein S Deficiency and an MTHFR p.Ala222Val Variant: A Case Report	MARIA EUGENIA BETINA SOMMER CERVANTES ARNOLDO AQUINO GALVEZ HECTOR SOLIS CHAGOYAN et al.	Hematology Reports	2025
10	A Systematic Review of Genetic Variants in Glutathione S-Transferase Genes and Their Dual Role in SARS-CoV-2 Pathogenesis: From Acute Respiratory Complications to Long COVID	JUAN LUIS CHAVEZ PACHECO MARGARITA ISABEL PALACIOS ARREOLA VICTOR HUGO AHUMADA TOPETE et al.	Antioxidants	2025
11	Potential of olfactory neuroepithelial cells as a model to study schizophrenia: A focus on GPCRs (Review)	EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ JAIME EDUARDO CALIXTO GONZALEZ et al.	INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE	2024
12	Factors Influencing Mortality in Children with Central Nervous System Tumors: A Cohort Study on Clinical Characteristics and Genetic Markers	ROCIO DEL SOCORRO CARDENAS CARDOS CITLALTEPETL SALINAS LARA ARNOLDO AQUINO GALVEZ et al.	GENES	2024
13	Interaction between MARK3 (rs11623869), PLCB4 (rs6086746) and GEMIN2 (rs2277458) variants with bone mineral density and serum 25-hidroxivitamin D levels in Mexican Mestizo women	ARNOLDO AQUINO GALVEZ JORGE SALMERON CASTRO Diana I. Aparicio-Bautista et al.	Frontiers in Endocrinology	2024
14	Altered PLCß/IP3/Ca2+ Signaling Pathway Activated by GPRCs in Olfactory Neuronal Precursor Cells Derived from Patients Diagnosed with Schizophrenia	EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ MARIA EUGENIA BETINA SOMMER CERVANTES et al.	Biomedicines	2024

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15	Clinical implications of persistently increased blood urea nitrogen/serum creatinine ratio (PI-BUN/Cr) in severe COVID-19 patients	GUSTAVO ALEJANDRO CASAS APARICIO HIPOLITO NOE ALVARADO VASQUEZ CARLOS SALVADOR PEDRAZA LARA et al.	Pneumonia	2024
16	The Possible Roles of Glucosamine-6-Phosphate Deaminases in Ammonium Metabolism in Cancer	ANTONIO ROBERTO DE JESUS LARA LEMUS ARNOLDO AQUINO GALVEZ Manuel Castillejos-Lopez	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2024
17	Risk Factors for a Prolonged Inpatient Stay in a Retrospective Bacterial Empyema Patient Cohort	VICTOR HUGO AHUMADA TOPETE ARNOLDO AQUINO GALVEZ ARMANDO ROBERTO CASTORENA MALDONADO et al.	AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	2024
18	Unveiling Mitochondrial Changes and Metabolic Pathways in Fibroblasts From Patients With Idiopathic Pulmonary Fibrosis Under Hypoxic Stress	ARNOLDO AQUINO GALVEZ YAIR ROMERO LOPEZ ILIANA HERRERA FUENTES et al.	AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	2024
19	Estrogenic Modulation of Ionic Channels, Pumps and Exchangers in Airway Smooth Muscle	MARIA EUGENIA BETINA SOMMER CERVANTES HECTOR SOLIS CHAGOYAN JAIME EDUARDO CALIXTO GONZALEZ et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2023
20	Proteomic Analysis of Mitochondria of Healthy Pulmonary Fibroblasts and Fibrotics Fibroblasts Exposed to Hypoxia	ARNOLDO AQUINO GALVEZ Yalbi I. Balderas Martinez R. Velazquez-Cruz et al.	AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	2023
21	Hypoxia Induces Alterations in the Circadian Rhythm in Patients with Chronic Respiratory Diseases	EDGAR FLORES SOTO NADIA ALEJANDRA RIVERO SEGURA GEORGINA GONZALEZ AVILA et al.	Cells	2023
22	Adverse Events and Drug Resistance in Critically Ill Patients Treated with Colistimethate Sodium: A Review of the Literature	GILBERTO HERNANDEZ SILVA ARNOLDO AQUINO GALVEZ Topete V.H.A. et al.	Infection and Drug Resistance	2023
23	Risk of Pulmonary Fibrosis and Persistent Symptoms Post-COVID-19 in a Cohort of Outpatient Health Workers	ARNOLDO AQUINO GALVEZ JAIME CHAVEZ ALDERETE HIPOLITO NOE ALVARADO VASQUEZ et al.	Viruses-Basel	2022
24	Sex and Age Influence on Association of CYP450 Polymorphism with Midazolam Levels in Critically Ill Children	ARNOLDO AQUINO GALVEZ Flores-Pérez C. de Jesús Castillejos López M. et al.	Diagnostics	2022

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25	Longitudinal Characterization of a Neutralizing and Total Antibody Response in Patients with Severe COVID-19 and Fatal Outcomes	SANTIAGO AVILA RIOS ARNOLDO AQUINO GALVEZ JOSE ROGELIO PEREZ PADILLA et al.	Vaccines	2022
26	Altered Pathways of Hypoxia in Lung Fibroblasts and Their Relationship with the Development of Idiopathic Pulmonary Fibrosis	ARNOLDO AQUINO GALVEZ R. Velazquez-Cruz Y. Romero et al.	AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	2022
27	Ivermectin: A Controversial Focal Point during the COVID-19 Pandemic	EDGAR FLORES SOTO CITLALTEPETL SALINAS LARA MARIA DE LOURDES FERNANDEZ PLATA et al.	LIFE-BASEL	2022
28	Effect of Hypoxia in the Transcriptomic Profile of Lung Fibroblasts from Idiopathic Pulmonary Fibrosis	YAIR ROMERO LOPEZ YALBI ITZEL BALDERAS MARTINEZ EDGAR FLORES SOTO et al.	Cells	2022
29	Functional Repercussions of Hypoxia-Inducible Factor-2a in Idiopathic Pulmonary Fibrosis	CITLALTEPETL SALINAS LARA JAIME CHAVEZ ALDERETE ARNOLDO AQUINO GALVEZ et al.	Cells	2022
30	ADAR1 Isoforms Regulate Let-7d Processing in Idiopathic Pulmonary Fibrosis	ALFONSO RAFAEL SALGADO AGUAYO ARNOLDO AQUINO GALVEZ Ruiz V. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022
31	Changes in the neutrophil to lymphocyte ratio as predictors of outcome in pediatric patients with central nervous system tumors undergoing surgical resection	ARNOLDO AQUINO GALVEZ MARTA MARGARITA ZAPATA TARRES CITLALTEPETL SALINAS LARA et al.	CANCER BIOMARKERS	2022
32	miRNAs, from Evolutionary Junk to Possible Prognostic Markers and Therapeutic Targets in COVID-19	ARNOLDO AQUINO GALVEZ JOSE SULIVAN LOPEZ GONZALEZ Camarena A. et al.	Viruses-Basel	2022
33	Clinical characteristics and mortality predictors of patients with cancer hospitalized by COVID-19 in a pediatric third-level referral center	ARNOLDO AQUINO GALVEZ ROCIO DEL SOCORRO CARDENAS CARDOS Hernández-Regino L.-M. et al.	Frontiers In Pediatrics	2022
34	Immunothrombosis in COVID-19: Implications of Neutrophil Extracellular Traps	ARNOLDO AQUINO GALVEZ Brandon Bautista-Becerril Rebeca Campi-Caballero et al.	Biomolecules	2021
35	Hyperbaric oxygen therapy ameliorates pain in overweight or obese patients diagnosed with fibromyalgia	HECTOR SOLIS CHAGOYAN ARNOLDO AQUINO GALVEZ LUIS MANUEL MONTAÑO RAMIREZ et al.	World Academy Of Sciences Journal	2021

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36	Evaluating of Red Blood Cell Distribution Width, Comorbidities and Electrocardiographic Ratios as Predictors of Prognosis in Patients with Pulmonary Hypertension	ARNOLDO AQUINO GALVEZ CITLALTEPETL SALINAS LARA YAIR ROMERO LOPEZ et al.	Diagnostics	2021
37	Hypoxia in Cancer and Fibrosis: Part of the Problem and Part of the Solution	YAIR ROMERO LOPEZ ARNOLDO AQUINO GALVEZ	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2021
38	Total, Bioavailable, and Free 25-Hydroxyvitamin D Equally Associate with Adiposity Markers and Metabolic Traits in Mexican Adults	BERENICE RIVERA PAREDEZ ARNOLDO AQUINO GALVEZ JORGE SALMERON CASTRO et al.	Nutrients	2021
39	Razor scrape assay, an alternative variation to wound and healing assays	ARNOLDO AQUINO GALVEZ Lara-Reyes J.A. Jimenez-Buendia M.G. et al.	MethodsX	2020
40	Analysis of CYP450 gene allelic variants can predict ifosfamide toxicity in Mexican paediatric patients	ROCIO DEL SOCORRO CARDENAS CARDOS JULIO GRANADOS ARRIOLA JUAN LUIS CHAVEZ PACHECO et al.	Biomarkers	2020
41	The variant rs1784042 of the SIDT2 Gene is Associated with Metabolic Syndrome through Low HDL-c Levels in a Mexican Population	BERENICE RIVERA PAREDEZ ERIC GUSTAVO RAMIREZ SALAZAR ARNOLDO AQUINO GALVEZ et al.	GENES	2020
42	Antitumor Therapy under Hypoxic Microenvironment by the Combination of 2-Methoxyestradiol and Sodium Dichloroacetate on Human Non-Small-Cell Lung Cancer	CRISELDA MENDOZA MILLA CARLOS CABELLO GUTIERREZ ARNOLDO AQUINO GALVEZ et al.	OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	2020
43	Purinergic Signaling Pathway in Human Olfactory Neuronal Precursor Cells	HECTOR SOLIS CHAGOYAN EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ et al.	Stem Cells International	2019
44	Comorbidity index as a predictor of mortality in pediatric patients with solid tumors	LILIANA CARMONA APARICIO JUAN LUIS CHAVEZ PACHECO ARNOLDO AQUINO GALVEZ et al.	Frontiers In Pediatrics	2019
45	Dysregulated expression of hypoxia-inducible factors augments myofibroblasts differentiation in idiopathic pulmonary fibrosis	ARNOLDO AQUINO GALVEZ GEORGINA GONZALEZ AVILA EDGAR FLORES SOTO et al.	RESPIRATORY RESEARCH	2019
46	HIF3 Alpha Hypermethylation Removes the Breaks on Hypoxia Signaling and Increases Fibrotic Phenotype in Idiopathic Pulmonary Fibrosis	ARNOLDO AQUINO GALVEZ GEORGINA GONZALEZ AVILA HECTOR AQUILES MALDONADO MARTINEZ et al.	AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE	2018

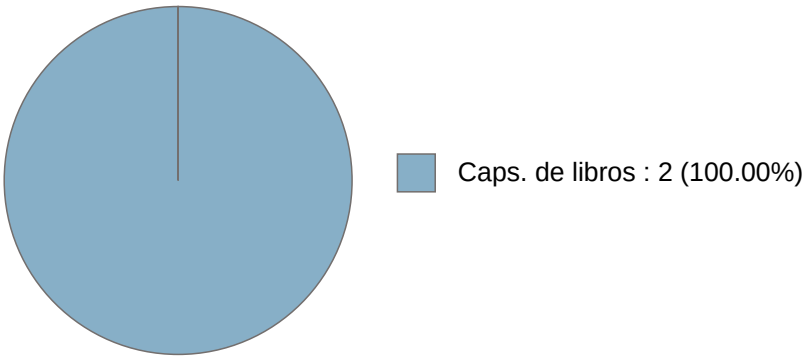
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47	Cigarette Smoke Enhances the Expression of Profibrotic Molecules in Alveolar Epithelial Cells	FRANCISCO JAVIER URREA RAMIREZ JOSE GUADALUPE CISNEROS LIRA ARNOLDO AQUINO GALVEZ et al.	PLOS ONE	2016
48	Interstitial collagen turnover during airway remodeling in acute and chronic experimental asthma	MARIA DEL CONSUELO SOCORRO SANDOVAL GARCIA ARNOLDO AQUINO GALVEZ Ramos C. et al.	EXPERIMENTAL AND THERAPEUTIC MEDICINE	2016
49	Gelatinase activity of matrix metalloproteinases during first-line chemotherapy in lung adenocarcinoma patients: An initial approach	GEORGINA GONZALEZ AVILA MARIA EUGENIA BETINA SOMMER CERVANTES ARNOLDO AQUINO GALVEZ et al.	Lung	2012

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	lncRNA-miRNA-mRNA Interaction Networks Regulation in Hematological Malignancies	HERIBERTO PRADO GARCIA AIDA SUSANA ROMERO GARCIA ARNOLDO AQUINO GALVEZ et al.	Capítulo de un Libro	2024	9780443157189
2	Synchronization of the circadian rhythms by melatonin in vertebrate and invertebrate species	RAMON ALVARADO ALVAREZ EDGAR FLORES SOTO LUIS MANUEL MONTAÑO RAMIREZ et al.	Capítulo de un Libro	2020	9781536190656

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PARTICIPACIÓN EN PROYECTOS

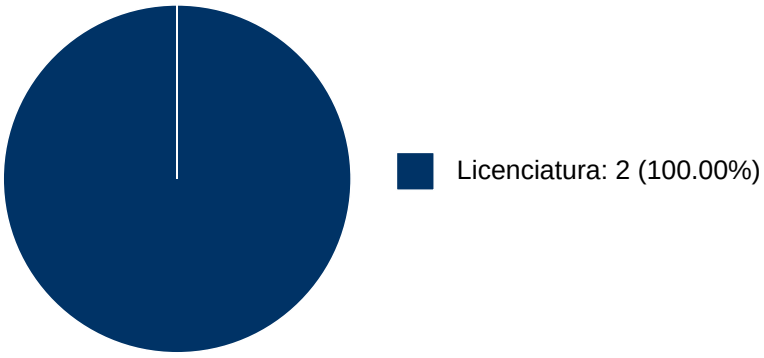
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

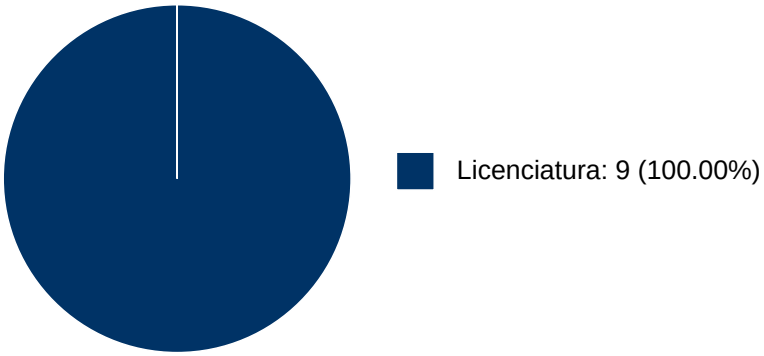


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Cuantificación de la expresión de colágeno en células pulmonares expuestas a hipoxia	Tesis de Licenciatura	ARNOLDO AQUINO GALVEZ,	Orozco Vargas, Daniel,	Facultad de Medicina,	2014
2	Análisis molecular del polimorfismo del gen de la proteína de choque térmico 70-1 en pacientes con fibrosis pulmonar idiopática	Tesis de Licenciatura	ARNOLDO AQUINO GALVEZ,	Piña Ramírez, Inocencio,	Facultad de Medicina,	2012

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	BIOQUIMICA Y BIOLOGIA MOLECULAR	Facultad de Medicina	45	2023-0
2	Licenciatura	BIOQUIMICA Y BIOLOGIA MOLECULAR	Facultad de Medicina	35	2022-0
3	Licenciatura	BIOQUIMICA Y BIOLOGIA MOLECULAR	Facultad de Medicina	36	2021-0
4	Licenciatura	BIOQUIMICA Y BIOLOGIA MOLECULAR	Facultad de Medicina	31	2015-0
5	Licenciatura	BIOQUIMICA Y BIOLOGIA MOLECULAR	Facultad de Medicina	43	2014-0
6	Licenciatura	BIOQUIMICA Y BIOLOGIA MOLECULAR	Facultad de Medicina	42	2013-0
7	Licenciatura	BIOQUIMICA Y BIOLOGIA MOLECULAR	Facultad de Medicina	44	2012-0
8	Licenciatura	BIOQUIMICA Y BIOL.MOLECULAR	Facultad de Medicina	24	2011-0
9	Licenciatura	BIOQUIMICA Y BIOL.MOLECULAR	Facultad de Medicina	32	2010-0

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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	2008-2026
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	2008-2026