



Sistema Integral de Información Académica
Dirección General de Evaluación Institucional
Reporte de Producción Académica



GEORGINA GONZALEZ AVILA

Datos Generales

Nombre: GEORGINA GONZALEZ AVILA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 22 años, 9 meses, 29 días

Nombramientos

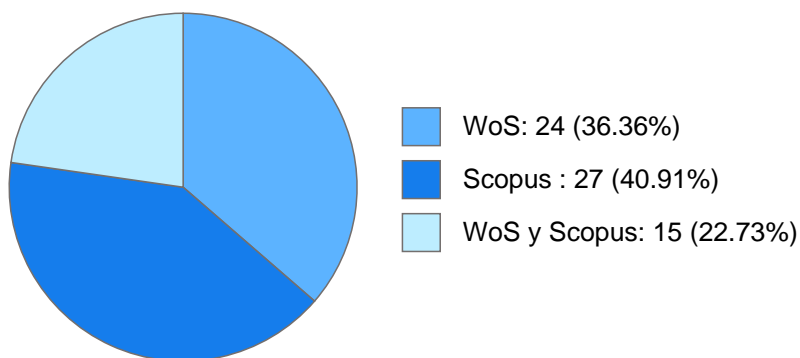
Último: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Medicina
Desde 01-01-2008 (fecha inicial de registros en el
SIIA) hasta 15-09-2009

Estímulos, programas, premios y reconocimientos

SNI II 2013 - 2021
SNI I - 2012
PEPASIG Nivel A (Licenciatura) 2008 - 2009, 4 horas asignadas

DOCUMENTOS EN REVISTAS

Histórico de Documentos



| # | Título | Autores | Revista | Año |
|---|---|--|---|------|
| 1 | 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 |
| 2 | Phytoestrogen-Based Hormonal Replacement Therapy Could Benefit Women Suffering Late-Onset Asthma | MARIA EUGENIA BETINA SOMMER CERVANTES GEORGINA GONZALEZ AVILA EDGAR FLORES SOTO et al. | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES | 2023 |
| 3 | Hypoxic Effects on Matrix Metalloproteinases' Expression in the Tumor Microenvironment and Therapeutic Perspectives | GEORGINA GONZALEZ AVILA EDGAR FLORES SOTO Bettina Sommer et al. | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES | 2023 |
| 4 | Hypoxia Induces Alterations in the Circadian Rhythm in Patients with Chronic Respiratory Diseases | YAIR ROMERO LOPEZ EDGAR FLORES SOTO NADIA ALEJANDRA RIVERO SEGURA et al. | Cells | 2023 |
| 5 | Nanotechnology and Matrix Metalloproteinases in Cancer Diagnosis and Treatment | GEORGINA GONZALEZ AVILA MARIA EUGENIA BETINA SOMMER CERVANTES EDGAR FLORES SOTO et al. | Frontiers In Molecular Biosciences | 2022 |



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|----|--|---|--|------|
| 6 | Matrix Metalloproteinases and Stress Hormones in Lung Cancer Progression | GEORGINA GONZALEZ AVILA MARIA EUGENIA BETINA SOMMER CERVANTES EDGAR FLORES SOTO et al. | Journal Of Oncology | 2022 |
| 7 | Women with COPD from biomass smoke have reduced serum levels of biomarkers of angiogenesis and cancer, with EGFR predominating, compared to women with COPD from smoking | GEORGINA GONZALEZ AVILA Montaño M. Pérez-Bautista O. et al. | CHRON RESP DIS | 2021 |
| 8 | Matrix metalloproteinases? role in tumor microenvironment | GEORGINA GONZALEZ AVILA MARIA EUGENIA BETINA SOMMER CERVANTES CARLOS RAMOS ABRAHAM et al. | Advances in Experimental Medicine and Biology | 2020 |
| 9 | 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 |
| 10 | Corrigendum to ?Matrix metalloproteinases participation in the metastatic process and their diagnostic and therapeutic applications in cancer? [Crit. Rev. Oncol. Hematol. 137, May (2019) 57?83](S1040842818304876)(10.1016/j.critrevonc.2019.02.010) | GEORGINA GONZALEZ AVILA MARIA EUGENIA BETINA SOMMER CERVANTES Mendoza-Posada D.A. et al. | CRIT REV ONCOL HEMAT | 2019 |
| 11 | Matrix metalloproteinases participation in the metastatic process and their diagnostic and therapeutic applications in cancer | GEORGINA GONZALEZ AVILA MARIA EUGENIA BETINA SOMMER CERVANTES Mendoza-Posada D.A. et al. | CRIT REV ONCOL HEMAT | 2019 |
| 12 | 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 |
| 13 | Cellular Na ⁺ handling mechanisms involved in airway smooth muscle contraction (Review) | EDGAR FLORES SOTO GEORGINA GONZALEZ AVILA Sommer, Bettina | INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE | 2017 |
| 14 | Interstitial collagen turnover during airway remodeling in acute and chronic experimental asthma | GEORGINA GONZALEZ AVILA BLANCA MARGARITA BAZAN PERKINS MARIA DEL CONSUELO SOCORRO SANDOVAL GARCIA et al. | EXPERIMENTAL AND THERAPEUTIC MEDICINE | 2016 |

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|----|--|--|-------------------------------------|------|
| 15 | Effects of 2-methoxyestradiol on apoptosis and HIF-1 α and HIF-2 α expression in lung cancer cells under normoxia and hypoxia | GEORGINA GONZALEZ AVILA CARLOS CABELLO GUTIERREZ Aquino-Gálvez A. et al. | ONCOLOGY REPORTS | 2016 |
| 16 | Analysis of heat shock protein 70 gene polymorphisms Mexican patients with idiopathic pulmonary fibrosis | GEORGINA GONZALEZ AVILA Martha PerezRodriguez OSWALDO PARTIDA RODRIGUEZ et al. | BMC PULMONARY MEDICINE | 2015 |
| 17 | FEV1 inversely correlates with metalloproteinases 1, 7, 9 and CRP in COPD by biomass smoke exposure | GEORGINA GONZALEZ AVILA Montano, Martha Sansores, Raul H. et al. | RESPIRATORY RESEARCH | 2014 |
| 18 | Differences in Plasma MMPs and TIMPs Protein Expression and Chemotherapy Response in Patients with Tobacco- or Wood-Smoke-Induced Lung Cancer | GEORGINA GONZALEZ AVILA Delgado, Javier Mendoza-Posada, Daniel A. et al. | Respiration | 2013 |
| 19 | 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 |
| 20 | The antithrombotic effect of the aminoestrogen prolame (N-(3-hydroxy-1,3,5(10)-estratrien-17 β -YL)-3-hydroxypropylamine) is linked to an increase in nitric oxide production by pl | GEORGINA GONZALEZ AVILA JUAN MANUEL FERNANDEZ GONZALEZ ENRIQUE PINZON ESTRADA et al. | Atherosclerosis | 2010 |
| 21 | 92-kd type IV collagenase (matrix metalloproteinase-9) activity in human amniochorion increases with labor | FELIPE VADILLO ORTEGA GEORGINA GONZALEZ AVILA Furth E.E. et al. | AMERICAN JOURNAL OF PATHOLOGY | 1995 |
| 22 | Influence on collagen metabolism of vitreous from eyes with proliferative vitreoretinopathy | GEORGINA GONZALEZ AVILA FELIPE VADILLO ORTEGA Lozano D. et al. | Ophthalmology | 1995 |
| 23 | Collagen Metabolism in Human Aqueous Humor From Primary Open-angle Glaucoma: Decreased Degradation and Increased Biosynthesis Play a Role in Its Pathogenesis | GEORGINA GONZALEZ AVILA MOISES EDUARDO SELMAN LAMA Terán L. | ARCH OPHTHALMOL-C HIC | 1995 |
| 24 | Transition from the latent to the active enzymatic form as a model of regulation of extracellular matrix degradation in the chorioamnion during human labor [Transición de la forma enzimática latente a activa como un modelo de regulación d | FELIPE VADILLO ORTEGA JESUS JORGE BELTRAN MONTOYA GEORGINA GONZALEZ AVILA et al. | Ginecología Y Obstetricia De México | 1995 |



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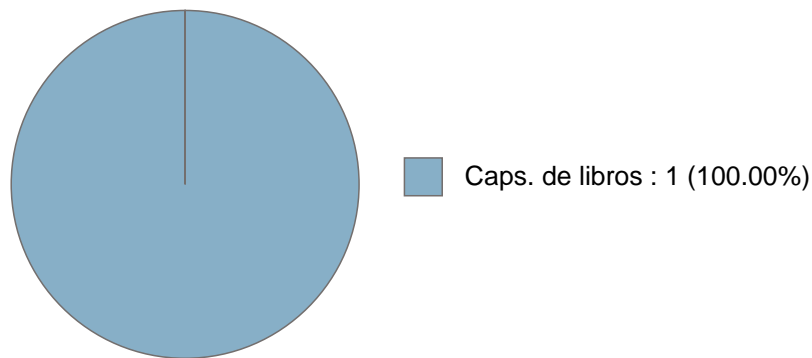
| | | | | |
|----|--|--|---|------|
| 25 | Human amniotic fluid modulation of collagenase production in cultured fibroblasts. A model of fetal membrane rupture | FELIPE VADILLO ORTEGA GEORGINA GONZALEZ AVILA Villaneuva-Diaz C. et al. | AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY | 1991 |
| 26 | Collagen metabolism in premature rupture of amniotic membranes | GEORGINA GONZALEZ AVILA SAMUEL KARCHMER KRIVITZKY FELIPE VADILLO ORTEGA et al. | OBSTETRICS AND GYNECOLOGY | 1990 |
| 27 | A latent collagenase in human aqueous humor | FELIPE VADILLO ORTEGA GEORGINA GONZALEZ AVILA Chevez P. et al. | INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE | 1989 |
| 28 | Experimental diffuse interstitial renal fibrosis. A biochemical approach | GEORGINA GONZALEZ AVILA FELIPE VADILLO ORTEGA RUY ALONSO PEREZ TAMAYO | LABORATORY INVESTIGATION | 1988 |



GEORGINA GONZALEZ AVILA

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



| # | Título | Autores | Alcance | Año | ISBN |
|---|---|--|----------------------|------|---------------|
| 1 | Coffee and caffeine respiratory health benefits: A review | MARIA EUGENIA BETINA SOMMER CERVANTES LUIS MANUEL MONTAÑO RAMIREZ EDGAR FLORES SOTO et al. | Capítulo de un Libro | 2021 | 9781536198478 |



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PARTICIPACIÓN EN PROYECTOS

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

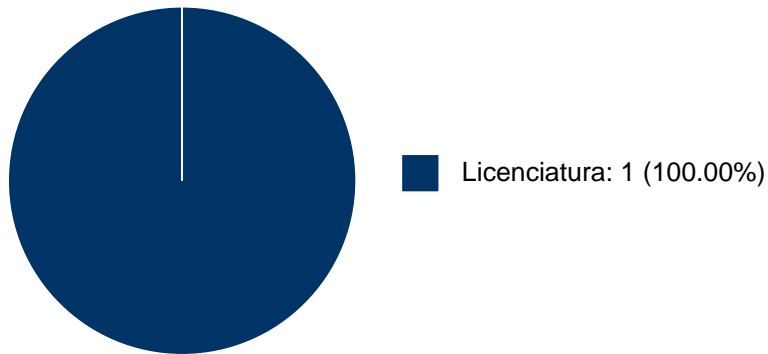
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GEORGINA GONZALEZ AVILA

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



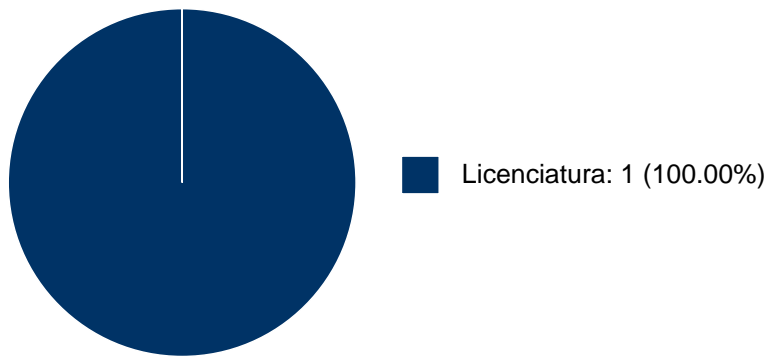
| # | Título del documento | Tipo de Tesis | Sinodales | Autores | Entidad | Año |
|---|---|-----------------------|--------------------------|----------------------------|---------|------|
| 1 | Efecto de los inmunosupresores en la cicatrización bronquial en un modelo de autotransplante pulmonar | Tesis de Licenciatura | GEORGINA GONZALEZ AVILA, | Ruiz López, Victor Manuel, | | 1996 |



GEORGINA GONZALEZ AVILA

DOCENCIA IMPARTIDA

Histórico de docencia



| # | Nivel titulación | Asignatura | Entidad | Alumnos | Semestre |
|---|------------------|-----------------------------|----------------------|---------|----------|
| 1 | Licenciatura | BIOQUIMICA Y BIOL.MOLECULAR | Facultad de Medicina | 33 | 2008-0 |



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GEORGINA GONZALEZ AVILA

TUTORIAS EN POSGRADO

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

GEORGINA GONZALEZ AVILA



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GEORGINA GONZALEZ AVILA

PATENTES

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

GEORGINA GONZALEZ AVILA



GEORGINA GONZALEZ AVILA

FUENTES DE INFORMACIÓN

Internos

| # | Información | Fuente | Sistema | Periodo |
|---|--|--------|-------------|-----------|
| 1 | Grupos ordinarios y resumen de historias académicas | DGAE | SIAE | 2008-2024 |
| 2 | Nombramientos, datos generales, estímulos, premios y reconocimientos | DGAPA | RUPA | 2008-2024 |
| 3 | Producción Académica | CH | Humanindex | 2008-2021 |
| 4 | Producción Académica | CIC | SCIC | 2000-2017 |
| 5 | Proyectos | DGPO | SISEPRO | 2018-2022 |
| 6 | Tesis | DGB | TESIUNAM | 2008-2023 |
| 7 | Tutorías en Posgrado | CGEP | SIIPosgrado | 2008-2021 |

Externos

| # | Información | Fuente | Sistema | Periodo |
|----|-------------------------|-----------------|--------------|-----------|
| 8 | Documentos Indexados | Elsevier | Scopus | 2008-2024 |
| 9 | Documentos Indexados | Thomson Reuters | WoS | 2008-2024 |
| 10 | Obras con registro ISBN | INDAUTOR | Agencia ISBN | 2008-2024 |
| 11 | Patentes | IMPI | SIGA | 2008-2024 |