



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



**ANGELICA GRACIELA MARTINEZ HERNANDEZ**

## Datos Generales

**Nombre:** ANGELICA GRACIELA MARTINEZ HERNANDEZ

**Máximo nivel de estudios:** MAESTRÍA

**Antigüedad académica en la UNAM:** 9 años

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## Nombramientos

**Último:** PROFESOR ASIGNATURA A TP No Definitivo

Facultad de Ciencias

Desde 16-12-2010 hasta 15-04-2011

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## Estímulos, programas, premios y reconocimientos

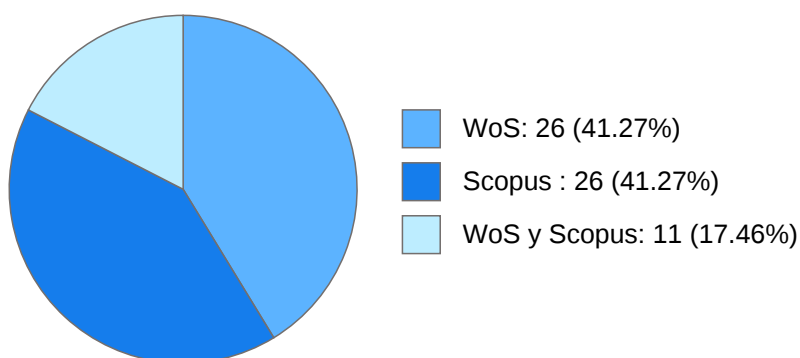
SNI II 2021 - 2023

SNI I 2011 - 2020

**ANGELICA GRACIELA MARTINEZ HERNANDEZ**

**DOCUMENTOS EN REVISTAS**

**Histórico de Documentos**



| # | Título                                                                                                                          | Autores                                                                                                             | Revista                                                                 | Año  |
|---|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------|
| 1 | CFTR pathogenic variants spectrum in a cohort of Mexican patients with cystic fibrosis                                          | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ ELVIA CRISTINA<br>MENDOZA CAAMAL NAMIBIA<br>GUADALUPE MENDIOLA VIDAL et al. | Heliyon                                                                 | 2024 |
| 2 | Augmented reality simulation as training model of ventricular puncture: Evidence in the improvement of the quality of punctures | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ JUAN SALVADOR PEREZ<br>LOMELI MIGUEL ANGEL PADILLA<br>CASTAÑEDA et al.      | INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY | 2023 |
| 3 | DNA Methylation Remodeling after Bariatric Surgery Correlates with Clinical Parameters                                          | CARLOS ZERRWECK LOPEZ ANGELICA GRACIELA MARTINEZ HERNANDEZ<br>FEDERICO CENTENO CRUZ et al.                          | ADVANCED BIOLOGY                                                        | 2023 |
| 4 | Frequent copy number variants in a cohort of Mexican-Mestizo individuals                                                        | BERTHA MOLINA ALVAREZ ANGELICA GRACIELA MARTINEZ HERNANDEZ<br>ALESSANDRA CARNEVALE CANTONI et al.                   | MOLECULAR CYTOGENETICS                                                  | 2023 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|------|
| 5  | The role of single nucleotide variant rs3819817 of the Histidine Ammonia-Lyase gene and 25-Hydroxyvitamin D on bone mineral density, adiposity markers, and skin pigmentation, in Mexican population | BERENICE RIVERA PAREDEZ ANGELICA GRACIELA MARTINEZ HERNANDEZ LORENA SOFIA OROZCO OROZCO et al.                  | JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION | 2023 |
| 6  | Rare coding variants in 35 genes associate with circulating lipid levels?A multi-ancestry analysis of 170,000 exomes                                                                                 | CARLOS ALBERTO AGUILAR SALINAS EMILIO JOAQUIN CORDOVA ALARCON SERGIO AGUSTIN ISLAS ANDRADE et al.               | AMERICAN JOURNAL OF HUMAN GENETICS        | 2022 |
| 7  | Exome Sequencing Data Analysis and a Case-Control Study in Mexican Population Reveals Lipid Trait Associations of New and Known Genetic Variants in Dyslipidemia-Associated Loci                     | ANGELICA GRACIELA MARTINEZ HERNANDEZ FEDERICO CENTENO CRUZ ELVIA CRISTINA MENDOZA CAAMAL et al.                 | Frontiers in Genetics                     | 2022 |
| 8  | Pigmentary mosaicism as a recurrent clinical manifestation in three new patients with mosaic trisomy 12 diagnosed postnatally: cases report and literature review                                    | ANGELICA GRACIELA MARTINEZ HERNANDEZ LOURDES CAROLA DURAN MC KINSTER VICTORIA DEL CASTILLO RUIZ et al.          | BMC MEDICAL GENOMICS                      | 2022 |
| 9  | Reconstruction of ancient microbial genomes from the human gut                                                                                                                                       | ANGELICA GRACIELA MARTINEZ HERNANDEZ LORENA SOFIA OROZCO OROZCO Wibowo M.C. et al.                              | Nature                                    | 2021 |
| 10 | Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes                                                                                          | CARLOS ALBERTO AGUILAR SALINAS FEDERICO CENTENO CRUZ MARIA ELENA GONZALEZ ARREAGA et al.                        | NATURE COMMUNICATIONS                     | 2021 |
| 11 | Two novel variants in DYRK1B causative of AOMS3: expanding the clinical spectrum                                                                                                                     | ELVIA CRISTINA MENDOZA CAAMAL CARLOS ALBERTO AGUILAR SALINAS ISABEL CICERON ARELLANO et al.                     | ORPHANET JOURNAL OF RARE DISEASES         | 2021 |
| 12 | Alterations of DNA methylation during adipogenesis differentiation of mesenchymal stem cells isolated from adipose tissue of patients with obesity is associated with type 2 diabetes                | CARLOS ZERRWECK LOPEZ FEDERICO CENTENO CRUZ ANGELICA GRACIELA MARTINEZ HERNANDEZ et al.                         | Adipocyte                                 | 2021 |
| 13 | Metabolic syndrome in indigenous communities in Mexico: A descriptive and cross-sectional study                                                                                                      | ELVIA CRISTINA MENDOZA CAAMAL ISABEL CICERON ARELLANO ANGELICA GRACIELA MARTINEZ HERNANDEZ et al.               | Bmc Public Health                         | 2020 |
| 14 | Variation in actionable pharmacogenetic markers in natives and mestizos from Mexico                                                                                                                  | MIRELLE VANESSA GONZALEZ COVARRUBIAS ANGELICA GRACIELA MARTINEZ HERNANDEZ JOSE HUMBERTO NICOLINI SANCHEZ et al. | FRONTIERS IN PHARMACOLOGY                 | 2019 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------|
| 15 | Genetic variability of five ADRB2 polymorphisms among Mexican Amerindian ethnicities and the Mestizo population                                                                          | EMILIO JOAQUIN CORDOVA<br>ALARCON LAURA ANGELICA LUCKIE<br>DUQUE HERMENEGILDO VICENTEÑO<br>AYALA et al.            | PLOS ONE                                       | 2019 |
| 16 | Association between APOE polymorphisms and lipid profile in Mexican Amerindian population                                                                                                | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ LORENA SOFIA OROZCO<br>OROZCO JOSE HUMBERTO NICOLINI<br>SANCHEZ et al.     | Molecular<br>Genetics &<br>Genomic<br>Medicine | 2019 |
| 17 | Catalytically Impaired TYK2 Variants are Protective Against Childhood- and Adult-Onset Systemic Lupus Erythematosus in Mexicans                                                          | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ ROSA ELDA BARBOSA<br>COBOS OSVALDO MAXIMO<br>MUTCHINICK BARINGOLTZ et al.  | SCIENTIFIC<br>REPORTS                          | 2019 |
| 18 | Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls                                                                                                                  | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ ELVIA CRISTINA<br>MENDOZA CAAMAL MARIA CRISTINA<br>REVILLA MONSALVE et al. | Nature                                         | 2019 |
| 19 | Next-generation sequencing for identifying a novel/de novo pathogenic variant in a Mexican patient with cystic fibrosis: a case report                                                   | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ ELVIA CRISTINA<br>MENDOZA CAAMAL Julieta Larrosa<br>et al.                 | BMC MEDICAL<br>GENOMICS                        | 2019 |
| 20 | A homozygous CEP57 c.915_925dupCAATGTTTCAGC mutation in a patient with mosaic variegated aneuploidy syndrome with rhizomelic shortening in the upper and lower limbs and a narrow thorax | NORMA CLAUDIA DIAZ GOMEZ EMILIO<br>JOAQUIN CORDOVA ALARCON<br>LORENA SOFIA OROZCO OROZCO et<br>al.                 | EUROPEAN<br>JOURNAL OF<br>MEDICAL<br>GENETICS  | 2019 |
| 21 | Altered DNA methylation in liver and adipose tissues derived from individuals with obesity and type 2 diabetes                                                                           | FEDERICO CENTENO CRUZ ANGELICA<br>GRACIELA MARTINEZ HERNANDEZ<br>EMILIO JOAQUIN CORDOVA<br>ALARCON et al.          | BMC MEDICAL<br>GENETICS                        | 2018 |
| 22 | Deep multi-OMICs and multi-tissue characterization in a pre-and postprandial state in human volunteers: The GEMM family study research design                                            | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ Bastarrachea R.A.<br>Laviada-Molina H.A. et al.                            | GENES                                          | 2018 |
| 23 | GSTT1 and GSTM1 null variants in mestizo and amerindian populations from Northwestern Mexico and a literature review                                                                     | EMILIO JOAQUIN CORDOVA<br>ALARCON LORENA SOFIA OROZCO<br>OROZCO ANGELICA GRACIELA<br>MARTINEZ HERNANDEZ et al.     | Genetics And<br>Molecular<br>Biology           | 2017 |
| 24 | Association of HMOX1 and NQO1 polymorphisms with metabolic syndrome components                                                                                                           | ANGELICA GRACIELA MARTINEZ<br>HERNANDEZ EMILIO JOAQUIN<br>CORDOVA ALARCON Cecilia<br>Contreras Cubas et al.        | PLOS ONE                                       | 2015 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------|------|
| 25 | The NRF2-KEAP1 pathway is an early responsive gene network in arsenic exposed lymphoblastoid cells                                                                               | EMILIO JOAQUIN CORDOVA<br>ALARCON ANGELICA GRACIELA<br>MARTINEZ HERNANDEZ LORENA SOFIA<br>OROZCO OROZCO et al. | PLOS ONE                                     | 2014 |
| 26 | HMOX1 promoter (GT) <sub>n</sub> polymorphism is associated with childhood-onset systemic lupus erythematosus but not with juvenile rheumatoid arthritis in a Mexican population | EMILIO JOAQUIN CORDOVA<br>ALARCON ANGELICA GRACIELA<br>MARTINEZ HERNANDEZ FEDERICO<br>CENTENO CRUZ et al.      | CLINICAL AND<br>EXPERIMENTAL<br>RHEUMATOLOGY | 2012 |



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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**

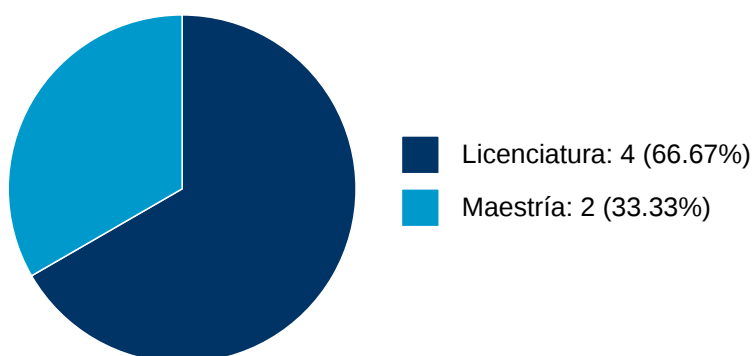
**No se encuentran registros en la base de datos de SISEPRO asociados a:**

**ANGELICA GRACIELA MARTINEZ HERNANDEZ**

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**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**



| # | Título del documento                                                                                                                  | Tipo de Tesis         | Sinodales                             | Autores                           | Entidad | Año  |
|---|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------|-----------------------------------|---------|------|
| 1 | "Fibrosis quística y el virus SARS-COV-2 : una revisión                                                                               | Tesis de Licenciatura | ANGELICA GRACIELA MARTINEZ HERNANDEZ, | Cordero Navarrete, Maria Angela,  |         | 2023 |
| 2 | Asociación de la microbiota intestinal con el metabolismo postprandial y el riesgo cardiometabólico en individuos aparentemente sanos | Tesis de Maestría     | ANGELICA GRACIELA MARTINEZ HERNANDEZ, | Cruz Hernández, Jacqueline de la, |         | 2022 |
| 3 | Identificación de variantes en el número de copias y su asociación con síndrome metabólico en población amerindia mexicana            | Tesis de Licenciatura | ANGELICA GRACIELA MARTINEZ HERNANDEZ, | Girón Villalobos, David,          |         | 2021 |
| 4 | Identificación del espectro total de mutaciones del gen CFTR en pacientes mexicanos con fibrosis quística                             | Tesis de Maestría     | ANGELICA GRACIELA MARTINEZ HERNANDEZ, | Larrosa Calderón, Julieta,        |         | 2019 |

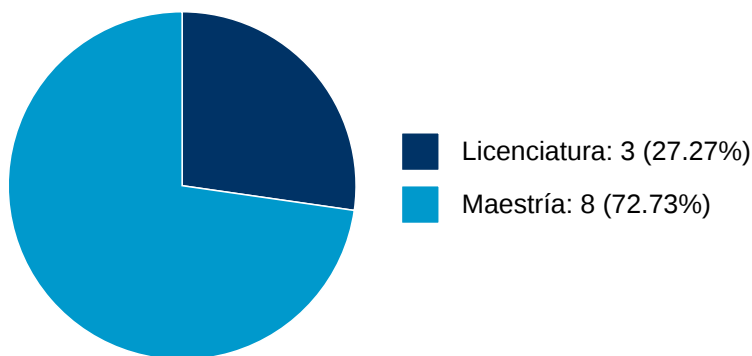
**ANGELICA GRACIELA MARTINEZ HERNANDEZ**

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|---|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------|--------------------------------|------|
| 5 | Variantes alélicas en los genes NFE2L2 y NQO1 en población mestiza y amerindia mexicana                                                   | Tesis de Licenciatura | ANGELICA GRACIELA MARTINEZ HERNANDEZ, | Larrosa Calderón, Julieta,     | 2016 |
| 6 | Análisis de polimorfismos en genes (nqo1, gclm, gstp1, gstt1 y gstm1) de respuesta a estrés oxidativo en poblaciones amerindias de México | Tesis de Licenciatura | ANGELICA GRACIELA MARTINEZ HERNANDEZ, | Rosillo Salazar, Oscar Daniel, | 2014 |

**ANGELICA GRACIELA MARTINEZ HERNANDEZ**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



| #  | Nivel titulación | Asignatura                         | Entidad              | Alumnos | Semestre |
|----|------------------|------------------------------------|----------------------|---------|----------|
| 1  | Maestría         | TRABAJO DE INVESTIGACIÓN IV        | Facultad de Ciencias | 1       | 2019-2   |
| 2  | Maestría         | TRABAJO DE INVESTIGACIÓN III       | Facultad de Ciencias | 1       | 2019-1   |
| 3  | Maestría         | TRABAJO DE INVESTIGACIÓN IV        | Facultad de Ciencias | 1       | 2019-1   |
| 4  | Maestría         | TRABAJO DE INVESTIGACIÓN III       | Facultad de Ciencias | 1       | 2018-2   |
| 5  | Maestría         | TRABAJO DE INVESTIGACIÓN II        | Facultad de Ciencias | 1       | 2018-2   |
| 6  | Maestría         | TRABAJO DE INVESTIGACIÓN II        | Facultad de Ciencias | 1       | 2018-1   |
| 7  | Maestría         | TRABAJO DE INVESTIGACIÓN I         | Facultad de Ciencias | 1       | 2018-1   |
| 8  | Maestría         | TRABAJO DE INVESTIGACIÓN I         | Facultad de Ciencias | 1       | 2017-2   |
| 9  | Licenciatura     | INTRODUCCION A LA CITOGNETICA HUM. | Facultad de Ciencias | 21      | 2011-1   |
| 10 | Licenciatura     | INTRODUCCION A LA CITOGNETICA HUM. | Facultad de Ciencias | 13      | 2010-1   |
| 11 | Licenciatura     | INTRODUCCION A LA CITOGNETICA HUM. | Facultad de Ciencias | 6       | 2009-1   |



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**PATENTES**

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

**ANGELICA GRACIELA MARTINEZ HERNANDEZ**

**ANGELICA GRACIELA MARTINEZ HERNANDEZ**

**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 |