



CARLOS FEDERICO ARIAS ORTIZ

Datos Generales

Nombre: CARLOS FEDERICO ARIAS ORTIZ

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 45 años

Nombramientos

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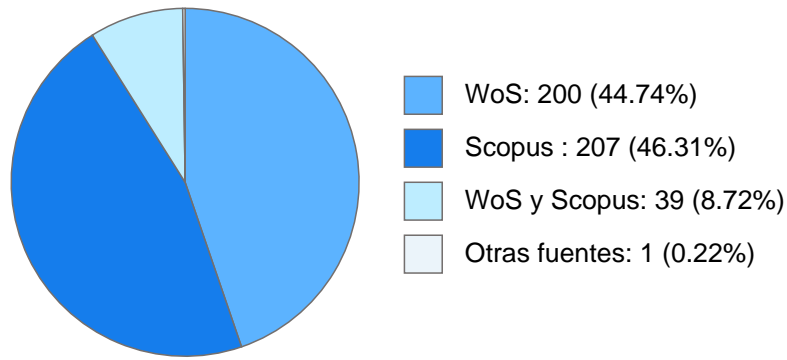
Estímulos, programas, premios y reconocimientos

SNI Emérito 2020 - VIGENTE
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PUN Investigación en ciencias naturales 2013

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Nucleolin-RNA interaction modulates rotavirus replication	CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON CARLOS SANDOVAL JAIME et al.	JOURNAL OF VIROLOGY	2024
2	Immune response to SARS-CoV-2 variants after immunization with different vaccines in Mexico	CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON Garay E. et al.	EPIDEMIOLOGY AND INFECTION	2024
3	Structure and antigenicity of the divergent human astrovirus VA1 capsid spike	TOMAS DAVID LOPEZ DIAZ CARLOS FEDERICO ARIAS ORTIZ Ghosh A. et al.	PLOS PATHOGENS	2024
4	Exploration of low-frequency allelic variants of SARS-CoV-2 genomes reveals coinfections in Mexico occurred during periods of VOCs turnover	BLANCA ITZELT TABOADA RAMIREZ FIDEL ALEJANDRO SANCHEZ FLORES CARLOS FEDERICO ARIAS ORTIZ et al.	Microbial Genomics	2024
5	Mouse and human immune responses share neutralization epitopes of HAstV-VA1	RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA CELIA MERCEDES ALPUCHE ARANDA SUSANA LOPEZ CHARRETON et al.	JOURNAL OF VIROLOGY	2024
6	The fecal and oropharyngeal eukaryotic viromes of healthy infants during the first year of life are personal	PATRICIA BELEM MORAN SILVA BLANCA ITZELT TABOADA RAMIREZ ANGELICA SERRANO VAZQUEZ et al.	SCIENTIFIC REPORTS	2023

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7	Omicron-BA.1 Dispersion Rates in Mexico Varied According to the Regional Epidemic Patterns and the Diversity of Local Delta Subvariants	BLANCA ITZELT TABOADA RAMIREZ FIDEL ALEJANDRO SANCHEZ FLORES DAVID ALEJANDRO CABRERA GAYTAN et al.	Viruses-Basel	2023
8	Two-year follow-up of the COVID-19 pandemic in Mexico	ROSA MARIA WONG CHEW JOSE RICARDO CIRIA MERCE BLANCA ITZELT TABOADA RAMIREZ et al.	Frontiers In Public Health	2023
9	Differential virome composition and richness between children's diarrheagenic stools kept at ultra-low temperatures for long-term	PAVEL ISA CARLOS FEDERICO ARIAS ORTIZ Becerra A. et al.	JOURNAL OF INFECTION IN DEVELOPING COUNTRIES	2023
10	Differential effects of high dose omega-3 fatty acids on metabolism and inflammation in patients with obesity: eicosapentaenoic and docosahexaenoic acid supplementation	JULIO GRANADOS ARRIOLA CARLOS FEDERICO ARIAS ORTIZ Borja-Magno A. et al.	Frontiers In Nutrition	2023
11	Immune protection induced by E2 recombinant glycoprotein of bovine viral diarrhea virus in a murine model	NINNET EVELYN GOMEZ ROMERO CARLOS FEDERICO ARIAS ORTIZ ANTONIO VERDUGO RODRIGUEZ et al.	Frontiers In Veterinary Science	2023
12	Human astrovirus capsid protein releases a membrane lytic peptide upon trypsin maturation	CARLOS FEDERICO ARIAS ORTIZ Ykema M. Ye K. et al.	JOURNAL OF VIROLOGY	2023
13	SARS-CoV-2 BW lineage, a fast-growing Omicron variant from southeast Mexico bearing relevant escape mutations	FIDEL ALEJANDRO SANCHEZ FLORES BLANCA ITZELT TABOADA RAMIREZ CARLOS FEDERICO ARIAS ORTIZ et al.	Infection	2023
14	SARS-CoV-2 Omicron variants BA.4 and BA.5 dominated the fifth COVID-19 epidemiological wave in Mexico	FIDEL ALEJANDRO SANCHEZ FLORES CARLOS FEDERICO ARIAS ORTIZ Taboada B.I. et al.	Microbial Genomics	2023
15	Saliva sampling and its direct lysis is an excellent option for SARS-CoV-2 diagnosis in paediatric patients: comparison with the PanBio COVID-19 antigen rapid test in symptomatic and asymptomatic children	MARCO ANTONIO ESPINOZA TORRES CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON et al.	JOURNAL OF MEDICAL MICROBIOLOGY	2023
16	Structures of Two Human Astrovirus Capsid/Neutralizing Antibody Complexes Reveal Distinct Epitopes and Inhibition of Virus Attachment to Cells	NAYELI ANGELINA AGUILAR HERNANDEZ TOMAS DAVID LOPEZ DIAZ RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA et al.	JOURNAL OF VIROLOGY	2022
17	Dynamics of a Discrete-Time Predator-Prey System with Holling II Functional Response	CARLOS FEDERICO ARIAS ORTIZ GAMALIEL BLE GONZALEZ MANUEL JESUS FALCONI MAGAÑA	QUALITATIVE THEORY OF DYNAMICAL SYSTEMS	2022

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18	Pooling saliva samples as an excellent option to increase the surveillance for SARS-CoV-2 when re-opening community settings	MARCO ANTONIO ESPINOZA TORRES CARLOS SANDOVAL JAIME CARLOS FEDERICO ARIAS ORTIZ et al.	PLOS ONE	2022
19	Genomic Characterization of SARS-CoV-2 Isolated from Patients with Distinct Disease Outcomes in Mexico	BLANCA ITZELT TABOADA RAMIREZ PAVEL ISA FIDEL ALEJANDRO SANCHEZ FLORES et al.	Microbiology Spectrum	2022
20	High Prevalence and Diversity of Caliciviruses in a Community Setting Determined by a Metagenomic Approach	PATRICIA BELEM MORAN SILVA BLANCA ITZELT TABOADA RAMIREZ ANGELICA SERRANO VAZQUEZ et al.	Microbiology Spectrum	2022
21	Lipid metabolism is involved in the association of rotavirus viroplasm with endoplasmic reticulum membranes	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Martínez J.L. et al.	Virology	2022
22	The Alpha Variant (B.1.1.7) of SARS-CoV-2 Failed to Become Dominant in Mexico	BLANCA ITZELT TABOADA RAMIREZ PAVEL ISA FIDEL ALEJANDRO SANCHEZ FLORES et al.	Microbiology Spectrum	2022
23	Dominance of Three Sublineages of the SARS-CoV-2 Delta Variant in Mexico	BLANCA ITZELT TABOADA RAMIREZ FIDEL ALEJANDRO SANCHEZ FLORES NELLY SELEM MOJICA et al.	Viruses-Basel	2022
24	The Association of Human Astrovirus with Extracellular Vesicles Facilitates Cell Infection and Protects the Virus from Neutralizing Antibodies	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ PAVEL ISA et al.	JOURNAL OF VIROLOGY	2022
25	The Capsid Precursor Protein of Astrovirus VA1 Is Proteolytically Processed Intracellularly	TOMAS DAVID LOPEZ DIAZ FERNANDO ZAMUDIO ZUÑIGA CARLOS SANDOVAL JAIME et al.	JOURNAL OF VIROLOGY	2022
26	Clinical and Virological Features of Patients Hospitalized with Different Types of COVID-19 Vaccination in Mexico City	BLANCA ITZELT TABOADA RAMIREZ SANTIAGO AVILA RIOS MARIA EUGENIA JIMENEZ CORONA et al.	Vaccines	2022
27	Mature Rotavirus Particles Contain Equivalent Amounts of (7me)GpppG-Capped and Noncapped Viral Positive-Sense RNAs	CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON Joaquin Moreno-Contreras et al.	JOURNAL OF VIROLOGY	2022
28	Phylogenetic analysis of avian influenza viruses from migratory waterfowl at Pacific wetlands	PAVEL ISA SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	VETERINARIA MEXICO	2022
29	Metagenomic analysis reveals differences in the co-occurrence and abundance of viral species in SARS-CoV-2 patients with different severity of disease	PAVEL ISA BLANCA ITZELT TABOADA RAMIREZ EDGAR RUBEN MENDIETA CONDADO et al.	BMC INFECTIOUS DISEASES	2022

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30	Structure of the divergent human astrovirus MLB capsid spike	TOMAS DAVID LOPEZ DIAZ CARLOS FEDERICO ARIAS ORTIZ Delgado-Cunningham K. et al.	STRUCTURE	2022
31	The gut virome of healthy children during the first year of life is diverse and dynamic	BLANCA ITZELT TABOADA RAMIREZ PATRICIA BELEM MORAN SILVA ANGELICA SERRANO VAZQUEZ et al.	PLOS ONE	2021
32	Rotavirus cell entry: not so simple after all	CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON	CURRENT OPINION IN VIROLOGY	2021
33	Emergence and spread of the potential variant of interest (VOI) B.1.1.519 of SARS-CoV-2 predominantly present in Mexico	BLANCA ITZELT TABOADA RAMIREZ JUAN PABLO REYES GRAJEDA LUIS ALONSO HERRERA MONTALVO et al.	ARCHIVES OF VIROLOGY	2021
34	Genetic Analysis of SARS-CoV-2 Variants in Mexico during the First Year of the COVID-19 Pandemic	BLANCA ITZELT TABOADA RAMIREZ PAVEL ISA FIDEL ALEJANDRO SANCHEZ FLORES et al.	Viruses-Basel	2021
35	High Seropositivity Rate of Neutralizing Antibodies to Astrovirus VA1 in Human Populations	TOMAS DAVID LOPEZ DIAZ RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA CARLOS FEDERICO ARIAS ORTIZ et al.	mSphere	2021
36	Genomic Analysis of Early SARS-CoV-2 Variants Introduced in Mexico	BLANCA ITZELT TABOADA RAMIREZ FIDEL ALEJANDRO SANCHEZ FLORES PAVEL ISA et al.	JOURNAL OF VIROLOGY	2020
37	Saliva sampling and its direct lysis, an excellent option to increase the number of SARS-CoV-2 diagnostic tests in settings with supply shortages	MARCO ANTONIO ESPINOZA TORRES CARLOS SANDOVAL JAIME CARLOS FEDERICO ARIAS ORTIZ et al.	JOURNAL OF CLINICAL MICROBIOLOGY	2020
38	Protein Disulfide Isomerase A4 Is Involved in Genome Uncoating during Human Astrovirus Cell Entry	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Aguilar-Hernández N. et al.	Viruses-Basel	2020
39	Genómica de rotavirus. Impacto en salud pública	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ	SALUD PUBLICA DE MEXICO	2020
40	Metagenomic sequencing with spiked primer enrichment for viral diagnostics and genomic surveillance	CESAR RAUL GONZALEZ BONILLA SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	Nature Microbiology	2020
41	Role of the Guanine Nucleotide Exchange Factor GBF1 in the Replication of RNA Viruses	CARLOS FEDERICO ARIAS ORTIZ Jose L. Martinez	Viruses-Basel	2020
42	Rotaviruses Associate with Distinct Types of Extracellular Vesicles	PAVEL ISA SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	Viruses-Basel	2020

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43	Tobamoviruses can be frequently present in the oropharynx and gut of infants during their first year of life	BLANCA ITZEL TABOADA RAMIREZ PATRICIA BELEM MORAN SILVA ANGELICA SERRANO VAZQUEZ et al.	SCIENTIFIC REPORTS	2020
44	Isolation of neutralizing monoclonal antibodies to human astrovirus and characterization of virus variants that escape neutralization	TOMAS DAVID LOPEZ DIAZ MARCO ANTONIO ESPINOZA TORRES SUSANA LOPEZ CHARRETON et al.	JOURNAL OF VIROLOGY	2019
45	The actin cytoskeleton is important for rotavirus internalization and RNA genome replication	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Trejo-Cerro O. et al.	VIRUS RESEARCH	2019
46	A simplified workflow for monoclonal antibody sequencing	TOMAS DAVID LOPEZ DIAZ RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA CARLOS FEDERICO ARIAS ORTIZ et al.	PLOS ONE	2019
47	Development of a novel DNA based reverse genetic system for classic human astroviruses	CARLOS SANDOVAL JAIME SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	Virology	2019
48	Nanoscale organization of rotavirus replication machineries	CHRISTOPHER DAVID WOOD SUSANA LOPEZ CHARRETON ADAN OSWALDO GUERRERO CARDENAS et al.	eLife	2019
49	The Guanine Nucleotide Exchange Factor GBF1 Participates in Rotavirus Replication	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Martínez J.L. et al.	JOURNAL OF VIROLOGY	2019
50	Hyperdiverse Viral Communities in an Oligotrophic Oasis (Cuatro Ciénegas): Marine Affinities and Microgeographic Differentiation	PAVEL ISA BLANCA ITZEL TABOADA RAMIREZ ANA CECILIA ESPINOSA GARCIA et al.	Cuatro Ciénegas Basin-An Endangered Hyperdiverse Oasis	2018
51	Zika Virus in Salivary Glands of Five Different Species of Wild-Caught Mosquitoes from Mexico (vol 8, 809, 2018)	CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON ROSA VICTORIA PANDO ROBLES et al.	SCIENTIFIC REPORTS	2018
52	The geographic structure of viruses in the Cuatro Ciénegas Basin, a unique oasis in northern Mexico, reveals a highly diverse population on a small geographic scale	BLANCA ITZEL TABOADA RAMIREZ PAVEL ISA NORA JANITZIA VAZQUEZ MELLADO CERVANTES et al.	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	2018
53	Genomic Epidemiology Reconstructs the Introduction and Spread of Zika Virus in Central America and Mexico	CESAR RAUL GONZALEZ BONILLA CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON et al.	CELL HOST & MICROBE	2018
54	Minimal capsid composition of infectious human astrovirus	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Nayeli Aguilar-Hernandez	Virology	2018

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55	Rotavirus RNAs sponge host cell RNA binding proteins and interfere with their subcellular localization	GUSTAVO MARTINEZ DELGADO CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON et al.	Virology	2018
56	The ubiquitin-proteasome system is necessary for efficient replication of human astrovirus	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Luis A. Casorla-Perez et al.	JOURNAL OF VIROLOGY	2018
57	Structural basis for escape of human astrovirus from antibody neutralization: Broad implications for rational vaccine design	TOMAS DAVID LOPEZ DIAZ CARLOS FEDERICO ARIAS ORTIZ Walter A. Bogdanoff et al.	JOURNAL OF VIROLOGY	2018
58	Most rotavirus strains require the cation-independent mannose-6-phosphate receptor, sortilin-1, and cathepsins to enter cells	TOMAS DAVID LOPEZ DIAZ SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	VIRUS RESEARCH	2018
59	Zika Virus in Salivary Glands of Five Different Species of Wild-Caught Mosquitoes from Mexico	CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON Elizondo-Quiroga D. et al.	SCIENTIFIC REPORTS	2018
60	Hologenomic adaptations underlying the evolution of sanguivory in the common vampire bat	BLANCA ITZELT TABOADA RAMIREZ CARLOS FEDERICO ARIAS ORTIZ Zepeda Mendoza M.L. et al.	NATURE ECOLOGY & EVOLUTION	2018
61	Viral Communities Among Sympatric Vampire Bats and Cattle	BLANCA ITZELT TABOADA RAMIREZ CARLOS FEDERICO ARIAS ORTIZ Escalera-Zamudio M. et al.	Ecohealth	2018
62	Antiviral activity of bovine milk components: Extending the list of inhibitory proteins and seeking a better understanding of their neutralization mechanism	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Parrón J.A. et al.	JOURNAL OF FUNCTIONAL FOODS	2018
63	Actin-dependent nonlytic rotavirus exit and infectious virus morphogenetic pathway in nonpolarized cells	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Oscar Trejo-Cerro et al.	JOURNAL OF VIROLOGY	2018
64	Human Virome	BLANCA ITZELT TABOADA RAMIREZ CARLOS FEDERICO ARIAS ORTIZ Zárate S. et al.	Archives Of Medical Research	2017
65	The astrovirus capsid: A review	CARLOS FEDERICO ARIAS ORTIZ Dubois, R.M.	Viruses-Basel	2017
66	Establishment and cryptic transmission of Zika virus in Brazil and the Americas	CARLOS FEDERICO ARIAS ORTIZ Faria, N. R. Quick, J. et al.	Nature	2017
67	Overview of recurrent chromosomal losses in retinoblastoma detected by low coverage next generation sequencing	PAVEL ISA CARLOS FEDERICO ARIAS ORTIZ MARIA DE LOURDES CABRERA MUÑOZ et al.	CANCER GENETICS	2016

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68	Assessment of Epstein-Barr virus nucleic acids in gastric but not in breast cancer by next-generation sequencing of pooled Mexican samples	CARLOS FEDERICO ARIAS ORTIZ Fuentes-Panana, Ezequiel M. Larios-Serrato, Violeta et al.	Memorias Do Instituto Oswaldo Cruz	2016
69	Polarized rotavirus entry and release from differentiated small intestinal cells	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ PAVEL ISA et al.	Virology	2016
70	Complete genome sequence of human coronavirus OC43 isolated from Mexico	BLANCA ITZELT TABOADA RAMIREZ PAVEL ISA MARCO ANTONIO ESPINOZA TORRES et al.	Microbiology Resource Announcements	2016
71	Illumina next generation sequencing data and expression microarrays data from retinoblastoma and medulloblastoma tissues	PAVEL ISA CARLOS FEDERICO ARIAS ORTIZ JORGE RAMIREZ SALCEDO et al.	Data in Brief	2016
72	Crystal Structure of the Human Astrovirus Capsid Protein	CARLOS FEDERICO ARIAS ORTIZ ERNESTO MENDEZ SALINAS Toh, Yukimatsu et al.	JOURNAL OF VIROLOGY	2016
73	Polarized rotavirus entry and release from differentiated small intestinal cells	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ PAVEL ISA et al.	Virology	2016
74	Rotavirus Strategies Against the Innate Antiviral System	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Sanchez-Tacuba, Lilitiana et al.	Annual Review of Virology	2016
75	Bats, Primates, and the Evolutionary Origins and Diversification of Mammalian Gammaherpesviruses	BLANCA ITZELT TABOADA RAMIREZ CARLOS FEDERICO ARIAS ORTIZ Escalera-Zamudio, Marina et al.	Mbio	2016
76	DNA Microarray for Detection of Gastrointestinal Viruses	MIGUEL ANGEL MARTINEZ URBINA Maria de los Dolores Sotodel Rio ROSA MARIA GUTIERREZ RIOS et al.	JOURNAL OF CLINICAL MICROBIOLOGY	2015
77	Rotavirus entry: A deep journey into the cell with several exits	CARLOS FEDERICO ARIAS ORTIZ Daniela SilvaAyala SUSANA LOPEZ CHARRETON	JOURNAL OF VIROLOGY	2015
78	The tight junction protein JAM-A functions as coreceptor for rotavirus entry into MA104 cells	Jesus M. TorresFlores Daniela SilvaAyala MARCO ANTONIO ESPINOZA TORRES et al.	Virology	2015
79	Rhinovirus is an important pathogen in upper and lower respiratory tract infections in Mexican children	Fernando E. Aponte BLANCA ITZELT TABOADA RAMIREZ MARCO ANTONIO ESPINOZA TORRES et al.	VIROLOGY JOURNAL	2015

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80	A novel endogenous betaretrovirus in the common vampire bat (<i>Desmodus rotundus</i>) suggests multiple independent infection and cross-species transmission events	BLANCA ITZELT TABOADA RAMIREZ CARLOS FEDERICO ARIAS ORTIZ EscaleraZamudio, Marina et al.	JOURNAL OF VIROLOGY	2015
81	Tight junctions go viral!	Jesus M. TorresFlores CARLOS FEDERICO ARIAS ORTIZ	Viruses-Basel	2015
82	Identification of host cell factors associated with astrovirus replication in Caco-2 cells	Andrea Murillo ROSARIO VERA ESTRELLA BRONWYN JANE BARKLA COADY et al.	JOURNAL OF VIROLOGY	2015
83	The tyrosine kinase inhibitor genistein induces the detachment of rotavirus particles from the cell surface	TOMAS DAVID LOPEZ DIAZ SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ	VIRUS RESEARCH	2015
84	The evolution of bat nucleic acid-sensing Toll-like receptors	CARLOS FEDERICO ARIAS ORTIZ EscaleraZamudio, Marina ZepedaMendoza, M. Lisandra et al.	MOLECULAR ECOLOGY	2015
85	Rotavirus controls activation of the 2'-5'-oligoadenylate synthetase/RNase L pathway using at least two distinct mechanisms	Liliana SanchezTacuba Margarito Rojas CARLOS FEDERICO ARIAS ORTIZ et al.	JOURNAL OF VIROLOGY	2015
86	Prevalence of respiratory virus in symptomatic children in private physician office settings in five communities of the state of Veracruz, Mexico	ROSA MARIA WONG CHEW MARCO ANTONIO ESPINOZA TORRES BLANCA ITZELT TABOADA RAMIREZ et al.	BMC Research Notes	2015
87	Prevalence of respiratory virus in symptomatic children in private physician office settings in five communities of the state of Veracruz, Mexico	ROSA MARIA WONG CHEW MARCO ANTONIO ESPINOZA TORRES BLANCA ITZELT TABOADA RAMIREZ et al.	BMC Research Notes	2015
88	Characterization of human astrovirus cell entry	ERNESTO MENDEZ SALINAS Claudia Munoz Yanez Claudia Sanchez San Martin et al.	JOURNAL OF VIROLOGY	2014
89	PhyloFlu, a DNA microarray for determining the phylogenetic origin of influenza A virus gene segments and the genomic fingerprint of viral strains	Luis F. Paulin Maria de los D. Soto Del Rio ROSA MARIA GUTIERREZ RIOS et al.	JOURNAL OF CLINICAL MICROBIOLOGY	2014
90	Rotaviruses reach late endosomes and require the cation-dependent mannose-6-phosphate receptor and the activity of cathepsin proteases to enter the cell	Marco A. Diaz Salinas Daniela Silva Ayala SUSANA LOPEZ CHARRETON et al.	JOURNAL OF VIROLOGY	2014

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91	Molecular epidemiology of influenza A/H3N2 viruses circulating in Mexico from 2003 to 2012	Marina Escalera Zamudio Ana Georgina Cobian Gueemes SUSANA LOPEZ CHARRETON et al.	PLOS ONE	2014
92	Is there still room for novel viral pathogens in pediatric respiratory tract infections?	BLANCA ITZELT TABOADA RAMIREZ Marco A. Espinoza PAVEL ISA et al.	PLOS ONE	2014
93	Genetic changes in the internal genes of swine influenza virus isolated in Mexico	VICTOR MANUEL CARRERA AGUIRRE MARIA DEL CARMEN MERCADO GARCIA MARIA ELENA TRUJILLO ORTEGA et al.	VETERINARIA MEXICO	2014
94	Gangliosides have a functional role during rotavirus cell entry	MIGUEL ANGEL MARTINEZ URBINA SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	JOURNAL OF VIROLOGY	2013
95	The spike protein VP4 defines the endocytic pathway used by rotavirus to enter MA104 cells	Marco A. Diaz Salinas PEDRO ROMERO GONZALEZ RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA et al.	JOURNAL OF VIROLOGY	2013
96	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
97	Genome-wide RNAi screen reveals a role for the ESCRT complex in rotavirus cell entry	Daniela Silva Ayala TOMAS DAVID LOPEZ DIAZ Michelle Gutierrez et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013
98	Virus diversity and evolution	CARLOS FEDERICO ARIAS ORTIZ	CURRENT OPINION IN MICROBIOLOGY	2013
99	Methods suitable for high-throughput screening of siRNAs and other chemical compounds with the potential to inhibit rotavirus replication	TOMAS DAVID LOPEZ DIAZ Daniela Silva Ayala SUSANA LOPEZ CHARRETON et al.	JOURNAL OF VIROLOGICAL METHODS	2012
100	Inhibiting Rotavirus Infection by Membrane-Impermeant Thiol/Disulfide Exchange Blockers and Antibodies against Protein Disulfide Isomerase	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ Calderon, Martha N. et al.	Intervirology	2012
101	Characterization of an influenza A virus in Mexican swine that is related to the A/H1N1/2009 pandemic clade	Marina Escalera Zamudio Georgina Cobian Gueemes Maria de los Dolores Soto Del Rio et al.	Virology	2012

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102	Rotavirus–host cell interactions: an arms race	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ	CURRENT OPINION IN VIROLOGY	2012
103	Discovery of a Novel Polyomavirus in Acute Diarrheal Samples from Children	PAVEL ISA JOSE IGNACIO SANTOS PRECIADO CARLOS FEDERICO ARIAS ORTIZ et al.	PLOS ONE	2012
104	Replication of the Rotavirus Genome Requires an Active Ubiquitin–Proteasome System	TOMAS DAVID LOPEZ DIAZ Daniela Silva Ayala SUSANA LOPEZ CHARRETON et al.	JOURNAL OF VIROLOGY	2011
105	Rotavirus Infection Induces the Unfolded Protein Response of the Cell and Controls It through the Nonstructural Protein NSP3	Vicenta Trujillo Alonso Liliana Maruri Avidal CARLOS FEDERICO ARIAS ORTIZ et al.	JOURNAL OF VIROLOGY	2011
106	Rotaviruses require basolateral molecules for efficient infection of polarized MDCKII cells	Mauricio Realpe RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA SUSANA LOPEZ CHARRETON et al.	VIRUS RESEARCH	2010
107	Different Rotavirus Strains Enter MA104 Cells through Different Endocytic Pathways: the Role of Clathrin–Mediated Endocytosis	Michelle Gutierrez PAVEL ISA Claudia Sanchez San Martin et al.	JOURNAL OF VIROLOGY	2010
108	Protein Kinase R Is Responsible for the Phosphorylation of eIF2 alpha in Rotavirus Infection	Margarito Rojas CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON	JOURNAL OF VIROLOGY	2010
109	A Metagenomic Analysis of Pandemic Influenza A (2009 H1N1) Infection in Patients from North America	PAVEL ISA CARLOS FEDERICO ARIAS ORTIZ Greninger, Alexander L. et al.	PLOS ONE	2010
110	Characterization of viroplasm formation during the early stages of rotavirus infection	Jose J. Carreno Torres Michelle Gutierrez CARLOS FEDERICO ARIAS ORTIZ et al.	VIROLOGY JOURNAL	2010
111	Molecular Anatomy of 2009 Influenza Virus A (H1N1)	CARLOS FEDERICO ARIAS ORTIZ Marina Escalera Zamudio Maria de los Dolores Soto Del Rio et al.	Archives Of Medical Research	2009
112	Characterization of a persistent respiratory syncytial virus showing a low–fusogenic activity associated to an impaired F protein	ROSA ELENA SARMIENTO SILVA CARLOS FEDERICO ARIAS ORTIZ ERNESTO MENDEZ SALINAS et al.	VIRUS RESEARCH	2009
113	Analysis of the Kinetics of Transcription and Replication of the Rotavirus Genome by RNA Interference	Camilo Ayala Breton GUADALUPE MARISOL ARIAS SOSA RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA et al.	JOURNAL OF VIROLOGY	2009
114	Dissecting the role of integrin subunits alpha 2 and beta 3 in rotavirus cell entry by RNA silencing	PAVEL ISA SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	VIRUS RESEARCH	2009

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115	Comparative study of enteric viruses, coliphages and indicator bacteria for evaluating water quality in a tropical high-altitude system	ANA CECILIA ESPINOSA GARCIA CARLOS FEDERICO ARIAS ORTIZ MARISA MAZARI HIRIART et al.	ENVIRONMENTAL HEALTH	2009
116	Rotavirus infection induces the phosphorylation of eIF2 alpha but prevents the formation of stress granules	Hilda Montero Margarito Rojas CARLOS FEDERICO ARIAS ORTIZ et al.	JOURNAL OF VIROLOGY	2008
117	Endoplasmic reticulum chaperones are involved in the morphogenesis of rotavirus infectious particles	Liliana Maruri Avidal SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ	JOURNAL OF VIROLOGY	2008
118	Infectivity and genome persistence of rotavirus and astrovirus in groundwater and surface water	ANA CECILIA ESPINOSA GARCIA MARISA MAZARI HIRIART RAFAELA MARIA DEL PILAR ESPINOSA ORGANISTA et al.	WATER RESEARCH	2008
119	Rotavirus cell entry	PAVEL ISA Michelle Gutierrez CARLOS FEDERICO ARIAS ORTIZ et al.	FUTURE VIROLOGY	2008
120	Association of the astrovirus structural protein VP90 with membranes plays a role in virus morphogenesis	GUADALUPE TRINIDAD ZAVALA PADILLA CARLOS FEDERICO ARIAS ORTIZ Aguirre-Crespo G. et al.	JOURNAL OF VIROLOGY	2007
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122	Role of sialic acids in rotavirus infection	PAVEL ISA CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON	GLYCOCONJUGATE JOURNAL	2006
123	Production of rotavirus-like particles in tomato (<i>Lycopersicon esculentum</i> L.) fruit by expression of capsid proteins VP2 and VP6 and immunological studies	TERESA DE JESUS OLIVERA FLORES SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	VIRAL IMMUNOLOGY	2006
124	Expression and purification of rotavirus proteins NSP5 and NSP6 in <i>Escherichia coli</i>	CARLOS FEDERICO ARIAS ORTIZ Samaniego-Hernández M. De León-Rodríguez A. et al.	CELL BIOCHEMISTRY AND BIOPHYSICS	2006
125	Rotavirus nonstructural protein NSP3 is not required for viral protein synthesis	CARLOS FEDERICO ARIAS ORTIZ Montero H. SUSANA LOPEZ CHARRETON	JOURNAL OF VIROLOGY	2006
126	The peptide-binding and ATPase domains of recombinant hsc70 are required to interact with rotavirus and reduce its infectivity	PEDRO ROMERO GONZALEZ SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	JOURNAL OF VIROLOGY	2006
127	Heat shock enhances the susceptibility of BHK cells to rotavirus infection through the facilitation of entry and post-entry virus replication steps	TOMAS DAVID LOPEZ DIAZ SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ	VIRUS RESEARCH	2006

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129	Reduced expression of the rotavirus NSP5 gene has a pleiotropic effect on virus replication	TOMAS DAVID LOPEZ DIAZ SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ et al.	JOURNAL OF GENERAL VIROLOGY	2005
130	Silencing the morphogenesis of rotavirus	TOMAS DAVID LOPEZ DIAZ MINERVA CAMACHO NUEZ ROSANA SANCHEZ LOPEZ et al.	JOURNAL OF VIROLOGY	2005
131	RNA silencing of rotavirus gene expression	CARLOS FEDERICO ARIAS ORTIZ LORENZO PATRICK SEGOVIA FORCELLA TOMAS DAVID LOPEZ DIAZ et al.	VIRUS RESEARCH	2004
132	Virus Research: Preface	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ	VIRUS RESEARCH	2004
133	Rotavirus RRV associates with lipid membrane microdomains during cell entry	PAVEL ISA PEDRO ROMERO GONZALEZ SUSANA LOPEZ CHARRETON et al.	Virology	2004
134	Multistep entry of rotavirus into cells: A Versaillesque dance	SUSANA LOPEZ CHARRETON CARLOS FEDERICO ARIAS ORTIZ	TRENDS IN MICROBIOLOGY	2004
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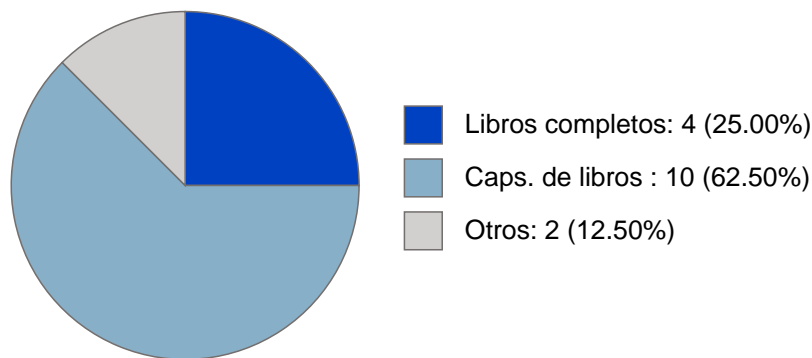
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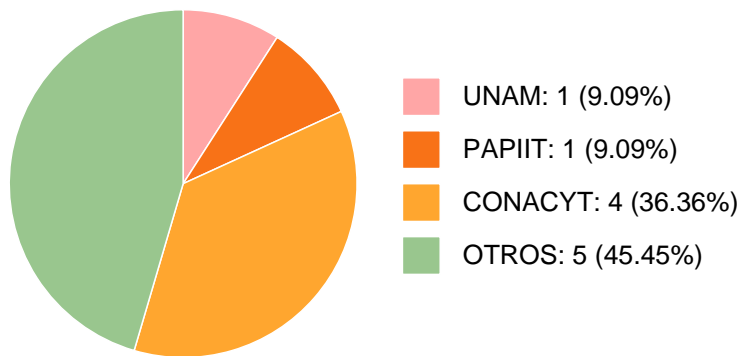
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7	Rotavirus Attachment, Internalization, and Vesicular Traffic	CARLOS FEDERICO ARIAS ORTIZ SUSANA LOPEZ CHARRETON Silva-Ayala, D. et al.	Article	2016	9780128026595
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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Disección del sistema de tráfico vesicular de la célula hospedera durante una infección viral	CARLOS FEDERICO ARIAS ORTIZ	Recursos CONACYT	17-12-2014	01-03-2018
2	Biología Molecular de virus y genómica funcional de la interacción virus célula huésped.	CARLOS FEDERICO ARIAS ORTIZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2014	30-06-2021
3	Epidemiología genómica de los virus SARS-CoV-2 circulantes en México.	CARLOS FEDERICO ARIAS ORTIZ	Recursos CONACYT	07-05-2020	07-05-2021
4	Epidemiología genómica del nuevo coronavirus SARS-COV-2 en México y Desarrollo y Validación de un inmunoensayo para caracterizar la respuesta inmune de personas con COVID-19.	CARLOS FEDERICO ARIAS ORTIZ	Sector Público (Federal, Estatal o Municipal)	02-06-2020	31-03-2023

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5	Desarrollo de un sistema para evaluar la respuesta inmune temprana y convaleciente de pacientes infectados con SARS-CoV-2 y de inmunoterápicos para enfermos en estado crítico por COVID-19	CARLOS FEDERICO ARIAS ORTIZ	Recursos PAPIIT	01-07-2020	31-12-2023
6	Vigilancia Genómica del Virus SARS-CoV-2 en México.	CARLOS FEDERICO ARIAS ORTIZ	Recursos CONACYT	22-04-2021	31-12-2021
7	Genomic surveillance of SARS-CoV-2 variants in Mexico.	CARLOS FEDERICO ARIAS ORTIZ	Universidades, Centros, Institutos u Organismos Internacionales	01-09-2021	28-02-2022
8	Vigilancia Genómica del virus SARS-CoV-2 en México-2022 (Extensión 2022).	CARLOS FEDERICO ARIAS ORTIZ	Recursos CONACYT	08-03-2022	30-11-2022
9	Combining mathematical modeling and phylodynamics analyses to characterize interactions between SARS-COV-2 lineages within the increasingly vaccinated population of Mexico City.	CARLOS FEDERICO ARIAS ORTIZ	Universidades, Centros, Institutos u Organismos Internacionales	31-05-2022	31-05-2024
10	Vigilancia genómica de SARS-CoV-2, virus de la influenza y virus sincicial respiratori en México.	CARLOS FEDERICO ARIAS ORTIZ	Recursos CONAHCyT	01-09-2023	30-11-2023
11	Structural, mechanistic, and immunogenic insights into the astrovirus capsid protein.	CARLOS FEDERICO ARIAS ORTIZ	Universidades, Centros, Institutos u Organismos Internacionales	20-02-2019	31-01-2024



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



CARLOS FEDERICO ARIAS ORTIZ

PARTICIPACIÓN EN TESIS

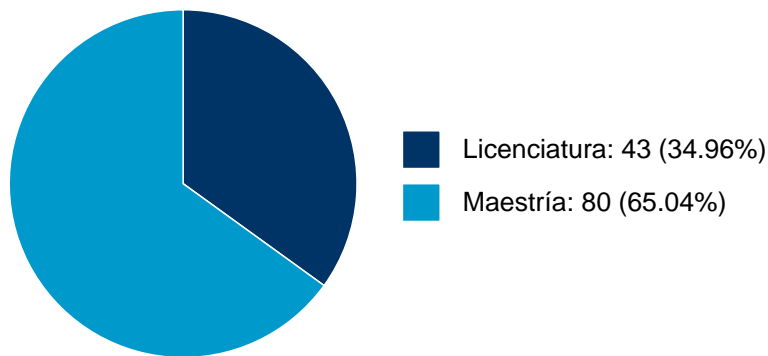
No se encuentran registros en la base de datos de TESIUNAM asociados a:

CARLOS FEDERICO ARIAS ORTIZ

CARLOS FEDERICO ARIAS ORTIZ

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	VIROLOGIA	Facultad de Ciencias	3	2024-1
2	Licenciatura	VIROLOGIA	Facultad de Ciencias	4	2023-1
3	Licenciatura	GENOMICA INTEGRATIVA 2	Instituto de Biotecnología	3	2023-1
4	Maestría	SEMINARIO DE INVESTIGACIÓN III	Instituto de Biotecnología	1	2022-1
5	Maestría	TRABAJO DE INVESTIGACIÓN III	Instituto de Biotecnología	1	2022-1
6	Licenciatura	GENOMICA INTEGRATIVA 1	Instituto de Biotecnología	1	2022-1
7	Licenciatura	GENOMICA INTEGRATIVA 2	Instituto de Biotecnología	3	2022-1
8	Maestría	SEMINARIO DE INVESTIGACIÓN II	Instituto de Biotecnología	1	2021-2
9	Maestría	TRABAJO DE INVESTIGACIÓN II	Instituto de Biotecnología	1	2021-2
10	Maestría	TRABAJO DE INVESTIGACIÓN III	Instituto de Biotecnología	1	2021-1
11	Maestría	TRABAJO DE INVESTIGACIÓN I	Instituto de Biotecnología	1	2021-1
12	Maestría	TRABAJO DE INVESTIGACIÓN II	Instituto de Biotecnología	1	2020-2
13	Maestría	CURSO IV	Instituto de Biotecnología	2	2020-1
14	Licenciatura	VIROLOGIA	Facultad de Ciencias	7	2020-1
15	Maestría	CURSO III	Instituto de Biotecnología	3	2020-1
16	Maestría	CURSO IV	Instituto de Biotecnología	2	2019-1
17	Licenciatura	VIROLOGIA	Facultad de Ciencias	16	2019-1
18	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2018-2
19	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2018-2
20	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2018-1
21	Maestría	CURSO III	Instituto de Biotecnología	4	2018-1
22	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2018-1
23	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2018-1

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24	Maestría	CURSO IV	Instituto de Biotecnología	1	2018-1
25	Maestría	TRABAJO DE INVESTIGACIÓN I	Instituto de Biotecnología	1	2017-2
26	Maestría	CURSO III-313178	Instituto de Biotecnología	1	2017-1
27	Maestría	CURSO IV-313429	Instituto de Biotecnología	1	2017-1
28	Maestría	SEMINARIO DE INVESTIGACION III-313467	Instituto de Biotecnología	1	2017-1
29	Maestría	TRABAJO DE INVESTIGACION III-313535	Instituto de Biotecnología	1	2017-1
30	Licenciatura	VIROLOGIA	Facultad de Ciencias	12	2017-1
31	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2016-2
32	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2016-2
33	Maestría	CURSO IV	Instituto de Biotecnología	3	2016-1
34	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	2	2016-1
35	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2016-1
36	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2016-1
37	Licenciatura	VIROLOGIA	Facultad de Ciencias	9	2016-1
38	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2016-1
39	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2015-2
40	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2015-2
41	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2015-2
42	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	2	2015-2
43	Maestría	CURSO IV	Instituto de Biotecnología	2	2015-1
44	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2015-1
45	Maestría	CURSO III	Instituto de Biotecnología	2	2015-1
46	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	2	2015-1
47	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2014-2
48	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2014-2
49	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2014-1
50	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2014-1
51	Maestría	CURSO III	Instituto de Biotecnología	3	2014-1
52	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2013-2
53	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2013-2
54	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2013-2
55	Maestría	CURSO IV	Instituto de Biotecnología	1	2013-1
56	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2013-1
57	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2013-1
58	Maestría	CURSO III	Instituto de Biotecnología	4	2013-1
59	Licenciatura	VIROLOGIA	Facultad de Ciencias	2	2013-1
60	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2012-2
61	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2012-2
62	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2012-2
63	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2012-1
64	Maestría	CURSO IV	Instituto de Biotecnología	4	2012-1
65	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	2	2012-1
66	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2012-1

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67	Maestría	CURSO III	Instituto de Biotecnología	2	2012-1
68	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2012-1
69	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2012-1
70	Licenciatura	VIROLOGIA	Facultad de Ciencias	4	2012-1
71	Licenciatura	TRABAJO DE INVESTIGACION 4	Instituto de Biotecnología	1	2011-2
72	Licenciatura	TRABAJO DE INVESTIGACION 5	Instituto de Biotecnología	1	2011-2
73	Licenciatura	TRABAJO DE INVESTIGACION 6	Instituto de Biotecnología	1	2011-2
74	Licenciatura	TOPICO SELECTO 3	Instituto de Biotecnología	1	2011-2
75	Licenciatura	TOPICO SELECTO 4	Instituto de Biotecnología	1	2011-2
76	Licenciatura	SEMINARIO DE INVESTIGACION 2	Instituto de Biotecnología	1	2011-2
77	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2011-2
78	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2011-2
79	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	2	2011-2
80	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	1	2011-2
81	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	2	2011-1
82	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	2	2011-1
83	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2011-1
84	Maestría	CURSO IV	Instituto de Biotecnología	3	2011-1
85	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2011-1
86	Licenciatura	TOPICO SELECTO 2	Instituto de Biotecnología	1	2011-1
87	Licenciatura	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	1	2011-1
88	Licenciatura	VIROLOGIA	Facultad de Ciencias	11	2011-1
89	Licenciatura	TRABAJO DE INVESTIGACION 1	Instituto de Biotecnología	1	2011-1
90	Licenciatura	TRABAJO DE INVESTIGACION 2	Instituto de Biotecnología	1	2011-1
91	Licenciatura	TRABAJO DE INVESTIGACION 3	Instituto de Biotecnología	1	2011-1
92	Licenciatura	TOPICO SELECTO 1	Instituto de Biotecnología	1	2011-1
93	Licenciatura	TRABAJO DE INVESTIGACION 4	Instituto de Biotecnología	2	2010-2
94	Licenciatura	TRABAJO DE INVESTIGACION 6	Instituto de Biotecnología	2	2010-2
95	Licenciatura	TRABAJO DE INVESTIGACION 5	Instituto de Biotecnología	2	2010-2
96	Licenciatura	SEMINARIO DE INVESTIGACION 2	Instituto de Biotecnología	2	2010-2
97	Licenciatura	TOPICO SELECTO 4	Instituto de Biotecnología	2	2010-2
98	Licenciatura	TOPICO SELECTO 3	Instituto de Biotecnología	2	2010-2
99	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2010-2
100	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2010-2
101	Maestría	CURSO IV	Instituto de Biotecnología	1	2010-1
102	Maestría	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	2	2010-1
103	Licenciatura	TRABAJO DE INVESTIGACION I	Instituto de Biotecnología	2	2010-1
104	Maestría	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	2	2010-1
105	Maestría	CURSO III	Instituto de Biotecnología	1	2010-1
106	Licenciatura	SEMINARIO DE INVESTIGACION I	Instituto de Biotecnología	2	2010-1
107	Licenciatura	TOPICO SELECTO 2	Instituto de Biotecnología	2	2010-1
108	Licenciatura	TOPICO SELECTO 1	Instituto de Biotecnología	2	2010-1
109	Licenciatura	TRABAJO DE INVESTIGACION 3	Instituto de Biotecnología	2	2010-1



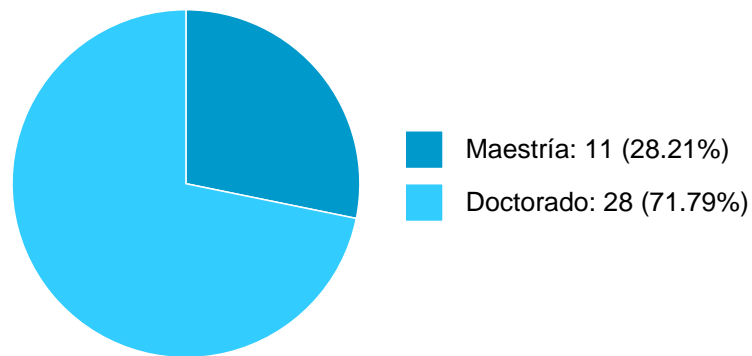
CARLOS FEDERICO ARIAS ORTIZ

110	Licenciatura	TRABAJO DE INVESTIGACION 2	Instituto de Biotecnología	2	2010-1
111	Licenciatura	VIROLOGIA	Facultad de Ciencias	6	2010-1
112	Licenciatura	VIROLOGIA	Facultad de Ciencias	7	2009-1
113	Licenciatura	AREA DE CONCETRACION II	Instituto de Biotecnología	1	2009-1
114	Maestría	CURSO IV	Instituto de Biotecnología	3	2009-1
115	Maestría	SEMINARIO DE INVESTIGACION III	Instituto de Biotecnología	1	2008-2
116	Maestría	TRABAJO DE INVESTIGACION III	Instituto de Biotecnología	1	2008-2
117	Licenciatura	AREA DE CONCENTRACION I	Instituto de Biotecnología	1	2008-2
118	Licenciatura	FRONTERAS EN LAS CIENCS GENOMIC. II	Instituto de Biotecnología	2	2008-1
119	Licenciatura	AREA DE CONCETRACION II	Instituto de Biotecnología	2	2008-1
120	Licenciatura	GENOMICA FUNCIONAL V	Instituto de Biotecnología	27	2008-1
121	Maestría	TRABAJO DE INVESTIGACION III	Facultad de Química	1	2008-1
122	Maestría	SEMINARIO DE INVESTIGACION II	Instituto de Biotecnología	1	2008-1
123	Maestría	TRABAJO DE INVESTIGACION II	Instituto de Biotecnología	1	2008-1

CARLOS FEDERICO ARIAS ORTIZ

TUTORIAS EN POSGRADO

Histórico de tutorías en posgrado



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Biomédicas	2021	2021-2
2	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2021	2021-2
3	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Biomédicas	2020	2020-2
4	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Biomédicas	2019	2019-2
5	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2019	2020-1
6	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2019	2019-2
7	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2018	2018-2
8	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2018	2019-1
9	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2018	2018-2
10	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2018	2018-2
11	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2018	2019-1
12	Facultad de Medicina	Doctorado	Doctorado en Ciencias Biológicas	2018	2018-2
13	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2017	2017-2
14	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2017	2018-1
15	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2017	2018-1
16	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2017	2017-2
17	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2017	2017-2
18	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2017	2018-1
19	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2016	2016-2
20	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2016	2017-1
21	Instituto de Biotecnología	Doctorado	Doctorado en Bioquímicas	2015	2016-1
22	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2014	2014-2
23	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2014	2015-1

CARLOS FEDERICO ARIAS ORTIZ

24	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2013	2013-2
25	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2013	2013-2
26	Instituto de Biotecnología	Maestría	Maestría en Ciencias Bioquímicas	2013	2014-1
27	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2013	2013-2
28	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2012	2012-2
29	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2012	2013-1
30	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2012	2012-2
31	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2012	2013-1
32	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2011	2011-2
33	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2011	2012-1
34	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2011	2011-2
35	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2011	2012-1
36	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2010	2010-2
37	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2010	2011-1
38	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2010	2011-1
39	Instituto de Biotecnología	Doctorado	Doctorado en Ciencias Bioquímicas	2009	2010-1



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



CARLOS FEDERICO ARIAS ORTIZ

PATENTES

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

CARLOS FEDERICO ARIAS ORTIZ

CARLOS FEDERICO ARIAS ORTIZ

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	2008-2024
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