



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



GABRIEL GUARNEROS PEÑA

Datos Generales

Nombre: GABRIEL GUARNEROS PEÑA

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último:

Estímulos, programas, premios y reconocimientos

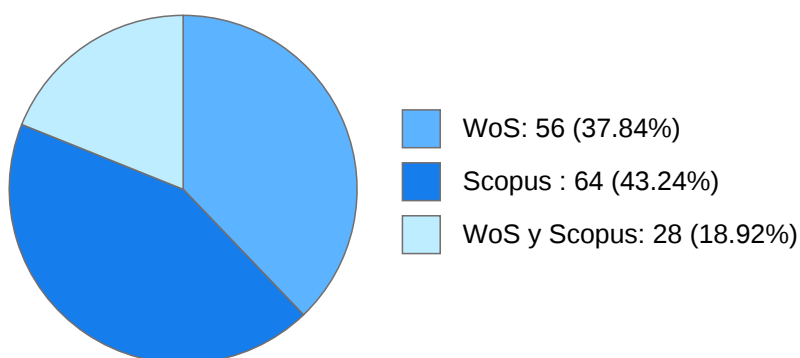
SNI III 2023

SNI Emérito 2010 - 2022

GABRIEL GUARNEROS PEÑA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	A Novel Group of Promiscuous Podophages Infecting Diverse Gammaproteobacteria from River Communities Exhibits Dynamic Intergenous Host Adaptation (vol 6, e00773-20, 2021)	GABRIEL GUARNEROS PEÑA PABLO VINUESA FLEISCHMANN Daniel Cazares et al.	Msystems	2022
2	A Novel Group of Promiscuous Podophages Infecting Diverse Gammaproteobacteria from River Communities Exhibits Dynamic Intergenous Host Adaptation	GABRIEL GUARNEROS PEÑA PABLO VINUESA FLEISCHMANN Cazares D. et al.	Msystems	2021
3	The Concerted Action of Two B3-Like Prophage Genes Excludes Superinfecting Bacteriophages by Blocking DNA Entry into Pseudomonas aeruginosa	PABLO VINUESA FLEISCHMANN GABRIEL GUARNEROS PEÑA MARCO ANTONIO CARBALLO ONTIVEROS et al.	JOURNAL OF VIROLOGY	2020
4	Domains two and three of Escherichia coli ribosomal S1 protein confers 30S subunits a high affinity for downstream A/U-rich mRNAs	GABRIEL GUARNEROS PEÑA NORMA ANGELICA OVIEDO DE ANDA Cifuentes-Goches J.C. et al.	JOURNAL OF BIOCHEMISTRY	2019

GABRIEL GUARNEROS PEÑA

5	Genomic and transcriptional mapping of PaMx41, archetype of a new lineage of bacteriophages infecting <i>Pseudomonas aeruginosa</i>	GABRIEL GUARNEROS PEÑA Cruz-Plancarte, I. Cazares, A.	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	2016
6	Narrow-Host-Range Bacteriophages That Infect <i>Rhizobium etli</i> Associate with Distinct Genomic Types	ROSA ISELA SANTAMARIA GUTIERREZ VIRGINIA PATRICIA BUSTOS ARCOS LUIS FERNANDO LOZANO AGUIRRE BELTRAN et al.	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	2014
7	Adenine-containing codons enhance protein synthesis by promoting mRNA binding to ribosomal 30S subunits provided that specific tRNAs are not exhausted	GABRIEL GUARNEROS PEÑA Castillo-Mendez, M. A. Jacinto-Loeza, E. et al.	Biochimie	2012
8	Protein Synthesis Factors (RF1, RF2, RF3, RRF, and tmRNA) and Peptidyl-tRNA Hydrolase Rescue Stalled Ribosomes at Sense Codons	GABRIEL GUARNEROS PEÑA Vivanco-Dominguez, Serafin Bueno-Martinez, Jose et al.	JOURNAL OF MOLECULAR BIOLOGY	2012
9	Evolution and some functions of the NprR-NprRB quorum-sensing system in the <i>Bacillus cereus</i> group	GABRIEL GUARNEROS PEÑA Rocha, Jorge Flores, Victor et al.	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2012
10	Overexpression of lpe protein from the coliphage mEp021 induces pleiotropic effects involving haemolysis by HlyE-containing vesicles and cell death	MARIA CECILIA ISHIDA GUTIERREZ GABRIEL GUARNEROS PEÑA Martinez-Penafiel, Eva et al.	Biochimie	2012
11	High Diversity and Novel Species of <i>Pseudomonas aeruginosa</i> Bacteriophages	GABRIEL GUARNEROS PEÑA Sepulveda-Robles, Omar Kameyama, Luis	APPLIED AND ENVIRONMENTAL MICROBIOLOGY	2012
12	The RNPP family of quorum-sensing proteins in Gram-positive bacteria	GABRIEL GUARNEROS PEÑA Rocha-Estrada, Jorge Aceves-Diez, Angel E. et al.	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2010
13	Analysis of some phenotypic traits of feces-borne temperate lambdoid bacteriophages from different immunity groups: A high incidence of cor+, FhuA-dependent phages	GABRIEL GUARNEROS PEÑA ARNULFO BAUTISTA SANTOS Hernandez-Sanchez, Javier et al.	ARCHIVES OF VIROLOGY	2008
14	Minigene-like inhibition of protein synthesis mediated by hungry codons near the start codon	GABRIEL GUARNEROS PEÑA Jacinto-Loeza, Eva Vivanco-Dominguez, Serafin et al.	NUCLEIC ACIDS RESEARCH	2008

GABRIEL GUARNEROS PEÑA

15	Efficient expression of gene variants that harbour AGA codons next to the initiation codon	GABRIEL GUARNEROS PEÑA Zamora-Romo E. Cruz-Vera L.R. et al.	NUCLEIC ACIDS RESEARCH	2007
16	Excess of charged tRNAs maintains low levels of peptidyl-tRNA hydrolase in pth(Ts) mutants at a non-permissive temperature	GABRIEL GUARNEROS PEÑA Vivanco-Domínguez S. Cruz-Vera L.R.	NUCLEIC ACIDS RESEARCH	2006
17	Codon-specific and general inhibition of protein synthesis by the tRNA-sequestering minigenes	LUIS DELGADO OLIVARES GABRIEL GUARNEROS PEÑA Zamora-Romo E. et al.	Biochimie	2006
18	Evidence of bar minigene expression and tRNA ² Ile sequestration as peptidyl-tRNA ² Ile during lambda bacteriophage development	GABRIEL GUARNEROS PEÑA Oviedo De Anda N.A. Kameyama L. et al.	JOURNAL OF BACTERIOLOGY	2004
19	Ribosome stalling and peptidyl-tRNA drop-off during translational delay at AGA codons	GABRIEL GUARNEROS PEÑA Cruz-Vera L.R. Magos-Castro M.A. et al.	NUCLEIC ACIDS RESEARCH	2004
20	Distribution of minigenes in the bacteriophage lambda chromosome	HELADIA SALGADO OSORIO PEDRO JULIO COLLADO VIDES GABRIEL GUARNEROS PEÑA et al.	Gene	2004
21	An orthologue of the cor gene is involved in the exclusion of temperate lambdoid phages. Evidence that Cor inactivates FhuA receptor functions	GABRIEL GUARNEROS PEÑA Uc-Mass A. Loeza E.J. et al.	Virology	2004
22	Ribosome bypassing elicited by tRNA depletion	GABRIEL GUARNEROS PEÑA Lindsley D. Gallant J.	MOLECULAR MICROBIOLOGY	2003
23	The rate of peptidyl-tRNA dissociation from the ribosome during minigene expression depends on the nature of the last decoding interaction	GABRIEL GUARNEROS PEÑA Cruz-Vera L.R. Hernández-Ramón E. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2003
24	The pair of arginine codons AGA AGG close to the initiation codon of the lambda int gene inhibits cell growth and protein synthesis by accumulating peptidyl-tRNA ^{Arg} 4	GABRIEL GUARNEROS PEÑA Olivares-Trejo J.J. Bueno-Martínez J.G. et al.	MOLECULAR MICROBIOLOGY	2003
25	Transcriptional analysis of the gene encoding peptidyl-tRNA hydrolase in Escherichia coli	GABRIEL GUARNEROS PEÑA Cruz-Vera L.R. Galindo J.M.	MICROBIOLOGY -SGM	2002

GABRIEL GUARNEROS PEÑA

26	Orthologs of a novel archaeal and of the bacterial peptidyl-tRNA hydrolase are nonessential in yeast	GABRIEL GUARNEROS PEÑA Rosas-Sandoval G. Ambrogelly A. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2002
27	Increased bar minigene mRNA stability during cell growth inhibition	GABRIEL GUARNEROS PEÑA Gerardo Valadez J. Hernández-Sánchez J. et al.	MOLECULAR MICROBIOLOGY	2001
28	Molecular basis for the temperature sensitivity of Escherichia coli pth(Ts)	ICELA IVONNE TOLEDO GARCIA GABRIEL GUARNEROS PEÑA Cruz-Vera L.R. et al.	JOURNAL OF BACTERIOLOGY	2000
29	Inhibition of translation and cell growth by minigene expression	GABRIEL GUARNEROS PEÑA Tenson T. Vega Herrera J. et al.	JOURNAL OF BACTERIOLOGY	1999
30	? bar minigene-mediated inhibition of protein synthesis involves accumulation of peptidyl-tRNA and starvation for tRNA	GABRIEL GUARNEROS PEÑA Hernández-Sánchez J. Valadez J.G. et al.	EMBO JOURNAL	1998
31	Translational repression by a transcriptional elongation factor	GABRIEL GUARNEROS PEÑA Wilson H.R. Kameyama L. et al.	GENES & DEVELOPMENT	1997
32	Inhibition of Escherichia coli protein synthesis by abortive translation of phage ? minigenes	GABRIEL GUARNEROS PEÑA Ontiveros C. Gerardo Valadez J. et al.	JOURNAL OF MOLECULAR BIOLOGY	1997
33	Regulation of protein synthesis by minigene expression	GABRIEL GUARNEROS PEÑA Hernández J. Ontiveros C. et al.	Biochimie	1997
34	Microbial genes homologous to the peptidyl-tRNA hydrolase-encoding gene of Escherichia coli	GABRIEL GUARNEROS PEÑA De La Vega F.M. Galindo J.M. et al.	Gene	1996
35	The growth defect in Escherichia coli deficient in peptidyl-tRNA hydrolase is due to starvation for Lys-tRNA ^{Lys}	GABRIEL GUARNEROS PEÑA Heurgué-Hamard V. Mora L. et al.	EMBO JOURNAL	1996
36	Open reading frames flanking the peptidyl-tRNA hydrolase-encoding gene of Escherichia coli	GABRIEL GUARNEROS PEÑA Galindo JosM. De La Vega F.M.	Gene	1994
37	Different specificities of ribonuclease II and polynucleotide phosphorylase in 3'mRNA decay	GABRIEL GUARNEROS PEÑA Portier C.	Biochimie	1991
38	Erratum: A short DNA sequence from ? phage inhibits protein (J.Molecular Biology (1990) 216, (243-250))	GABRIEL GUARNEROS PEÑA Perez-Morga D.	JOURNAL OF MOLECULAR BIOLOGY	1991

GABRIEL GUARNEROS PEÑA

39	Peptidyl-tRNA hydrolase is involved in X inhibition of host protein synthesis	GABRIEL GUARNEROS PEÑA García-Villegas M.R. De La Vega F.M. et al.	EMBO JOURNAL	1991
40	RNaseIII activation of bacteriophage λ N synthesis	GABRIEL GUARNEROS PEÑA Kameyama L. Fernandez L. et al.	MOLECULAR MICROBIOLOGY	1991
41	Ribosomal RNA and peptidyl-tRNA hydrolase: a peptide chain termination model for lambda bar RNA inhibition	GABRIEL GUARNEROS PEÑA Murgola E.J.	Biochimie	1991
42	Lysine and methionine overproduction by an Escherichia coli strain transformed with Pseudomonas acidovorans DNA	GABRIEL GUARNEROS PEÑA Alvarez-Jacobs J. Court D.	BIOTECHNOLOG Y LETTERS	1990
43	Transcription of a bacteriophage λ DNA site blocks growth of Escherichia coli	GABRIEL GUARNEROS PEÑA Guzman P. Rivera B.E. et al.	JOURNAL OF BACTERIOLOGY	1990
44	A short DNA sequence from λ phage inhibits protein synthesis in Escherichia coli rap	GABRIEL GUARNEROS PEÑA Pérez-Morga D.	JOURNAL OF MOLECULAR BIOLOGY	1990
45	Different specificities of ribonuclease II and polynucleotide phosphorylase in 3'mRNA decay	GABRIEL GUARNEROS PEÑA Portier C.	Biochimie	1990
46	Phage genetic sites involved in lambda growth inhibition by the Escherichia coli rap mutant.	GABRIEL GUARNEROS PEÑA Guzmán P.	Genetics	1989
47	Retroregulation of bacteriophage lambda int gene expression.	GABRIEL GUARNEROS PEÑA	CURR TOP MICROBIOL	1988
48	Retroregulation of an int-lacZ gene fusion in a plasmid system	GABRIEL GUARNEROS PEÑA Kameyama L. Orozco L. et al.	Gene	1988
49	Retroregulation: a posttranscriptional mechanism controlling genetic expression [Retroregulación; un mecanismo postranscripcional que controla la expresión genética.]	GABRIEL GUARNEROS PEÑA Montañez C.	Revista Latinoamerican a de Microbiología	1987
50	Genetic and physical location of the Escherichia coli rap locus, which is essential for growth of bacteriophage lambda.	GABRIEL GUARNEROS PEÑA Machado G. Guzmán P. et al.	JOURNAL OF BACTERIOLOGY	1987
51	Mutations of bacteriophage lambda that define independent but overlapping RNA processing and transcription termination sites	GABRIEL GUARNEROS PEÑA Montañez C. Bueno J. et al.	JOURNAL OF MOLECULAR BIOLOGY	1986
52	Regulation of integrative recombination in lambda bacteriophage [REGULACION E LA RECOMBINACION INTEGRATIVA EN EL BACTERIOFAGO LAMBDA]	GABRIEL GUARNEROS PEÑA	Revista Latinoamerican a de Microbiología	1984

GABRIEL GUARNEROS PEÑA

53	Entamoeba histolytica. Phagocytosis as a virulence factor	GABRIEL GUARNEROS PEÑA Orozco E. martinez Palomo A. et al.	JOURNAL OF EXPERIMENTAL MEDICINE	1983
54	Interactions between lectin and receptor mediate adhesion of Entamoeba histolytica to epithelial cells. Relation of adhesion to virulence of the strain [LAS INTERACCIONES ENTRE LECTINA Y RECEPTOR MEDIAN LA ADHERENCIA DE E. HISTOLYTICA A CELU	GABRIEL GUARNEROS PEÑA Orozco M.E. Martinez Palomo A. et al.	Archivos De Investigación Médica	1982
55	Receptors involved in adhesion of Entamoeba histolytica to human erythrocytes [RECEPTORES PARTICIPANTES EN LA ADHERENCIA DE E. HISTOLYTICA A ERITROCITOS HUMANOS]	GABRIEL GUARNEROS PEÑA Orozco M.E. Martinez Palomo A. et al.	Archivos De Investigación Médica	1982
56	Entamoeba histolytica clones deficient in phagocytosis are also deficient in virulence [CLONAS DE E. HISTOLYTICA DEFICIENTES EN FAGOCITOSIS PRESENTAN DEFICIENCIA EN VIRULENCIA]	GABRIEL GUARNEROS PEÑA Orozco M.E. Martinez Palomo A.	Archivos De Investigación Médica	1982
57	Isolation of Entamoeba histolytica clones deficient in adhesion to human erythrocytes [AISLAMIENTO DE CLONAS DE E. HISTOLYTICA DEFICIENTES EN ADHESION A ERITROCITOS HUMANOS]	GABRIEL GUARNEROS PEÑA Garcia-Rivera G. Sanchez T. et al.	Archivos De Investigación Médica	1982
58	Posttranscriptional control of bacteriophage ? int gene expression from a site distal to the gene	GABRIEL GUARNEROS PEÑA Montanez C. Hernandez T. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	1982
59	Regulation of the integration-excision reaction by bacteriophage lambda.	GABRIEL GUARNEROS PEÑA Miller H.I. Abraham J. et al.	COLD SPRING HARB SYM	1981
60	Virulence and surface properties of various axenic strains of Entamoeba histolytica [Virulencia y propiedades de superficie de varias cepas axénicas de Entamoeba histolytica.]	GABRIEL GUARNEROS PEÑA Orozco-Orozco M.E. Martínez-Palomo A.	Archivos De Investigación Médica	1980
61	The regulation of integrative recombination by the b2 region and the cII gene of bacteriophage ?	GABRIEL GUARNEROS PEÑA Galindo J.M.	Virology	1979

GABRIEL GUARNEROS PEÑA

62	Thermal asymmetry of site-specific recombination by bacteriophage ?	GABRIEL GUARNEROS PEÑA Echols H.	Virology	1973
63	Cysteine desulfhydrase activities of Salmonella typhimurium and Escherichia coli	GABRIEL GUARNEROS PEÑA Ortega M.V.	Bba - Enzymology	1970
64	New mutants of bacteriophage ? with a specific defect in excision from the host chromosome	GABRIEL GUARNEROS PEÑA Echols H.	JOURNAL OF MOLECULAR BIOLOGY	1970



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



GABRIEL GUARNEROS PEÑA

LIBROS Y CAPITULOS CON ISBN

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

GABRIEL GUARNEROS PEÑA



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



GABRIEL GUARNEROS PEÑA

PARTICIPACIÓN EN PROYECTOS

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

GABRIEL GUARNEROS PEÑA



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



GABRIEL GUARNEROS PEÑA

PARTICIPACIÓN EN TESIS

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

GABRIEL GUARNEROS PEÑA



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



GABRIEL GUARNEROS PEÑA

DOCENCIA IMPARTIDA

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

GABRIEL GUARNEROS PEÑA



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



GABRIEL GUARNEROS PEÑA

PATENTES

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

GABRIEL GUARNEROS PEÑA

GABRIEL GUARNEROS PEÑA

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