ELIZABETH NALLELY CABRERA GONZALEZ

Datos Generales

Nombre: ELIZABETH NALLELY CABRERA GONZALEZ

Máximo nivel de estudios: LICENCIATURA

Antigüedad académica en la UNAM: 36 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR C TC Definitivo
Instituto de Fisiología Celular
Desde 01-06-2009

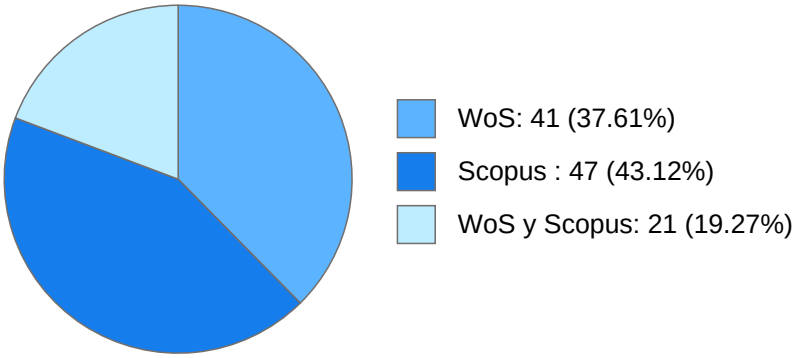
Estímulos, programas, premios y reconocimientos

SNI I 2009 - 2015
PRIDE D - 2022
PRIDE C 2008
ESPECIALES GUILLERMO MASSIEU 2008 - 2009

ELIZABETH NALLELY CABRERA GONZALEZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Repurposing of rabeprazole as an anti-Trypanosoma cruzi drug that targets cellular triosephosphate isomerase	ITZHEL GARCIA TORRES GABRIEL LOPEZ VELAZQUEZ ELIZABETH NALLELY CABRERA GONZALEZ et al.	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2023
2	Improved yield, stability, and cleavage reaction of a novel tobacco etch virus protease mutant	SERGIO ENRIQUEZ FLORES ELIZABETH NALLELY CABRERA GONZALEZ GLORIA HERNANDEZ ALCANTARA et al.	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	2022
3	Phenotypic and Target-Directed Screening Yields New Acaricidal Alternatives for the Control of Ticks	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT Saporiti T. et al.	Molecules	2022
4	Pyrazol(in)e derivatives of curcumin analogs as a new class of anti-Trypanosoma cruzi agents	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT Matiadis D. et al.	FUTURE MEDICINAL CHEMISTRY	2021
5	Protein Serine/Threonine Phosphatase Type 2C of Leishmania mexicana	ALMA REYNA ESCALONA MONTAÑO MARIANA ZUÑIGA FABIAN ELIZABETH NALLELY CABRERA GONZALEZ et al.	FRONTIERS IN CELLULAR AND INFECTION MICROBIOLOGY	2021

ELIZABETH NALLELY CABRERA GONZALEZ

6	Deamidated Human Triosephosphate Isomerase is a Promising Druggable Target	ELIZABETH NALLELY CABRERA GONZALEZ GABRIEL LOPEZ VELAZQUEZ Sergio Enriquez-Flores et al.	Biomolecules	2020
7	Co-localization of the Receptor for Advanced Glycation End Products (RAGE) with S100 Calcium-Binding Protein B (S100B) in Human Umbilical Vein Endothelial	RUY ENRIQUE PEREZ MONTFORT ELIZABETH NALLELY CABRERA GONZALEZ FABIAN JESUS ARECHAVALETA VELASCO et al.	Journal Of The Mexican Chemical Society	2019
8	Three unrelated and unexpected amino acids determine the susceptibility of the interface cysteine to a sulfhydryl reagent in the triosephosphate isomerases of two trypanosomes	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT Díaz-Mazariegos S.	PLOS ONE	2018
9	Differential effects on enzyme stability and kinetic parameters of mutants related to human triosephosphate isomerase deficiency	ELIZABETH NALLELY CABRERA GONZALEZ ALFREDO TORRES LARIOS ITZHEL GARCIA TORRES et al.	BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS	2018
10	Novel and selective Rhipicephalus microplus triosephosphate isomerase inhibitors with acaricidal activity	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT et al.	Veterinary Sciences	2018
11	A strategy based on thermal flexibility to design triosephosphate isomerase proteins with increased or decreased kinetic stability	ELIZABETH NALLELY CABRERA GONZALEZ ANGEL PIÑEIRO GUILLEN ALMA JESSICA DIAZ SALAZAR et al.	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	2018
12	Interplay between Protein Thermal Flexibility and Kinetic Stability	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT MIGUEL ANTONIO COSTAS BASIN et al.	STRUCTURE	2017
13	The importance of arginine codons AGA and AGG for the expression in E. coli of triosephosphate isomerase from seven different species	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT et al.	Biotechnology Reports	2017
14	The effect of specific proline residues on the kinetic stability of the triosephosphate isomerases of two trypanosomes	VALERIA GUZMAN LUNA ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT et al.	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2017

ELIZABETH NALLELY CABRERA GONZALEZ

15	Back Cover: Potent and Selective Inhibitors of Trypanosoma cruzi Triosephosphate Isomerase with Concomitant Inhibition of Cruzipain: Inhibition of Parasite Growth through Multitarget Activity (ChemMedChem 12/2016)	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ ARMANDO GOMEZ PUYOU et al.	Chemmedchem	2016
16	Potent and Selective Inhibitors of Trypanosoma cruzi Triosephosphate Isomerase with Concomitant Inhibition of Cruzipain: Inhibition of Parasite Growth through Multitarget Activity	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ ARMANDO GOMEZ PUYOU et al.	Chemmedchem	2016
17	Modeling the interaction between quinolinate and the receptor for advanced glycation end products (RAGE): Relevance for early neuropathological processes	Cesar MillanPacheco RUY ENRIQUE PEREZ MONTFORT ELIZABETH NALLELY CABRERA GONZALEZ et al.	PLOS ONE	2015
18	Development of bis-thiazoles as inhibitors of triosephosphate isomerase from Trypanosoma cruzi. Identification of new non-mutagenic agents that are active in vivo	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ MARIETTA TUENA SANGRI et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2015
19	3-H-[1,2]Dithiole as a new anti-trypanosoma cruzi chemotype: Biological and mechanism of action studies	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ MARIETTA TUENA SANGRI et al.	Molecules	2015
20	Different contribution of conserved amino acids to the global properties of triosephosphate isomerases	Yolanda Aguirre ELIZABETH NALLELY CABRERA GONZALEZ BEATRIZ AGUIRRE LOPEZ et al.	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2014
21	New chemotypes as Trypanosoma cruzi triosephosphate isomerase inhibitors: A deeper insight into the mechanism of inhibition	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ MARIETTA TUENA SANGRI et al.	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2014
22	The importance of polarity in the evolution of the K+ binding site of pyruvate kinase	LETICIA HAYDEE RAMIREZ SILVA Carlos Guerrero Mendiola ELIZABETH NALLELY CABRERA GONZALEZ	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2014

ELIZABETH NALLELY CABRERA GONZALEZ

23	1,2,4-thiadiazol-5(4H)-ones: A new class of selective inhibitors of Trypanosoma cruzi triosephosphate isomerase. Study of the mechanism of inhibition	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ MARIETTA TUENA SANGRI et al.	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2013
24	Identification of Amino Acids that Account for Long-Range Interactions in Two Triosephosphate Isomerases from Pathogenic Trypanosomes	ITZHEL GARCIA TORRES ELIZABETH NALLELY CABRERA GONZALEZ ALFREDO TORRES LARIOS et al.	PLOS ONE	2011
25	Structural and biochemical characterization of a recombinant triosephosphate isomerase from Rhipicephalus (Boophilus) microplus	RODRIGO ALEJANDRO ARREOLA BARROSO ELIZABETH NALLELY CABRERA GONZALEZ MARIETTA TUENA SANGRI et al.	INSECT BIOCHEMISTRY AND MOLECULAR BIOLOGY	2011
26	A Ribosomal Misincorporation of Lys for Arg in Human Triosephosphate Isomerase Expressed in Escherichia coli Gives Rise to Two Protein Populations	BEATRIZ AGUIRRE LOPEZ MIGUEL ANTONIO COSTAS BASIN ELIZABETH NALLELY CABRERA GONZALEZ et al.	PLOS ONE	2011
27	Thermodynamic and Kinetic Destabilization of Triosephosphate Isomerase Resulting from the Mutation of Conserved and Non-conserved Cysteines	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT Eugenia Cruces-Angeles, Ma et al.	PROTEIN AND PEPTIDE LETTERS	2011
28	Massive screening yields novel and selective Trypanosoma cruzi triosephosphate isomerase dimer-interface-irreversible inhibitors with anti-trypanosomal activity	BEATRIZ AGUIRRE LOPEZ ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2010
29	A monoclonal antibody that inhibits Trypanosoma cruzi growth in vitro and its reaction with intracellular triosephosphate isomerase	A. A. Cortes Figueroa ARMANDO PEREZ TORRES NORMA LILIA SALAIZA SUAZO et al.	PARASITOLOGY RESEARCH	2008
30	Key residues of loop 3 in the interaction with the interface residue at position 14 in triosephosphate isomerase from Trypanosoma brucei	ELIZABETH NALLELY CABRERA GONZALEZ GUILLERMO MENDOZA HERNANDEZ ARMANDO GOMEZ PUYOU et al.	BIOCHEMISTRY	2008
31	The conserved salt bridge linking two C-terminal beta/alpha units in homodimeric triosephosphate isomerase determines the folding rate of the monomer	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT Reyes-Lopez, Cesar A. et al.	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2008

ELIZABETH NALLELY CABRERA GONZALEZ

32	Unraveling the mechanisms of tryptophan fluorescence quenching in the triosephosphate isomerase from Giardia lamblia	ADELA RODRIGUEZ ROMERO JORGE PEON PERALTA ELIZABETH NALLELY CABRERA GONZALEZ et al.	BIOCHIMICA ET BIOPHYSICA ACTA-PROTEINS AND PROTEOMICS	2008
33	Perturbation of the dimer interface of triosephosphate isomerase and its effect on Trypanosoma cruzi	VANESA OLIVARES ILLANA ADELA RODRIGUEZ ROMERO INGEBORG DOROTHEA BECKER FAUSER et al.	PLOS NEGLECTED TROPICAL DISEASES	2007
34	Loosely packed papain prosegment displays inhibitory activity	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT Gutiérrez-González L.H. et al.	ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS	2006
35	Pyruvate kinase revisited: The activating effect of K+	JESUS ANTONIO ORIA HERNANDEZ ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2005
36	An unusual triosephosphate isomerase from the early divergent eukaryote Giardia lamblia	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT JORGE PEON PERALTA et al.	PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS	2004
37	Leishmania lipophosphoglycan (LPG) activates NK cells through toll-like receptor-2	INGEBORG DOROTHEA BECKER FAUSER NORMA LILIA SALAIZA SUAZO MARIA MAGDALENA AGUIRRE GARCIA et al.	MOLECULAR AND BIOCHEMICAL PARASITOLOGY	2003
38	Polymorphism analysis of the internal transcribed spacer and small subunit of ribosomal RNA genes of Leishmania mexicana	MIRIAM DEL SOCORRO BERZUNZA CRUZ ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT et al.	PARASITOLOGY RESEARCH	2002
39	Factors that control the reactivity of the interface cysteine of triosephosphate isomerase from Trypanosoma brucei and Trypanosoma cruzi	HORACIO REYES VIVAS GABRIEL LOPEZ VELAZQUEZ ELIZABETH NALLELY CABRERA GONZALEZ et al.	BIOCHEMISTRY	2001
40	Sulfhydryl reagent susceptibility in proteins with high sequence similarity: Triosephosphate isomerase from Trypanosoma brucei, Trypanosoma cruzi and Leishmania mexicana	GEORGINA REGINA GARZA RAMOS MARTINEZ ELIZABETH NALLELY CABRERA GONZALEZ PEDRO ULISES GUADALUPE OSTOA SALOMA et al.	EUROPEAN JOURNAL OF BIOCHEMISTRY	1998

ELIZABETH NALLELY CABRERA GONZALEZ

41	Reactivation of triosephosphate isomerase from three trypanosomatids and human: Effect of Suramin	GEORGINA REGINA GARZA RAMOS MARTINEZ ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT et al.	BIOCHEMICAL JOURNAL	1998
42	Differences in the intersubunit contacts in triosephosphate isomerase from two closely related pathogenic trypanosomes	ERNESTO MALDONADO OLVERA MANUEL SORIANO GARCIA ABEL MORENO CARCAMO et al.	JOURNAL OF MOLECULAR BIOLOGY	1998
43	A mechanism of acquired resistance to complement-mediated lysis by Entamoeba histolytica	LAILA GUTIERREZ KOBEH ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT	JOURNAL OF PARASITOLOGY	1997
44	Purification of alcohol dehydrogenase from Entamoeba histolytica and Saccharomyces cerevisiae using zinc-affinity chromatography	ELIZABETH NALLELY CABRERA GONZALEZ PABLO RANGEL SILVA ROLANDO EFRAIN HERNANDEZ MUÑOZ et al.	PROTEIN EXPRESSION AND PURIFICATION	1997
45	Proteolytic activity in extracts of invasive cervical carcinoma and precursor lesions	ELIZABETH NALLELY CABRERA GONZALEZ RUY ENRIQUE PEREZ MONTFORT Daneri-Navarro A. et al.	BIOMEDICINE & PHARMACOTHERAPY	1995
46	Proteolytic activity in extracts of Entamoeba invadens and E.histolytica: A comparative study	RUY ENRIQUE PEREZ MONTFORT PEDRO ULISES GUADALUPE OSTOA SALOMA LAILA GUTIERREZ KOBEH et al.	ACTA PROTOZOOLOGICA	1994
47	Proteinases of Entamoeba histolytica associated with different subcellular fractions	PEDRO ULISES GUADALUPE OSTOA SALOMA ELIZABETH NALLELY CABRERA GONZALEZ INGEBORG DOROTHEA BECKER FAUSER et al.	MOLECULAR AND BIOCHEMICAL PARASITOLOGY	1989

ELIZABETH NALLELY CABRERA GONZALEZ

LIBROS Y CAPITULOS CON ISBN

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

ELIZABETH NALLELY CABRERA GONZALEZ

ELIZABETH NALLELY CABRERA GONZALEZ

PARTICIPACIÓN EN PROYECTOS

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

ELIZABETH NALLELY CABRERA GONZALEZ

ELIZABETH NALLELY CABRERA GONZALEZ

PARTICIPACIÓN EN TESIS

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

ELIZABETH NALLELY CABRERA GONZALEZ

ELIZABETH NALLELY CABRERA GONZALEZ

DOCENCIA IMPARTIDA

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

ELIZABETH NALLELY CABRERA GONZALEZ

ELIZABETH NALLELY CABRERA GONZALEZ

TUTORIAS EN POSGRADO

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

ELIZABETH NALLELY CABRERA GONZALEZ

ELIZABETH NALLELY CABRERA GONZALEZ

PATENTES

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

ELIZABETH NALLELY CABRERA GONZALEZ

ELIZABETH NALLELY CABRERA GONZALEZ

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