



RODRIGO AGUAYO ORTIZ

Datos Generales

Nombre: RODRIGO AGUAYO ORTIZ

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 6 años

Nombramientos

Vigente: PROFESOR DE CARRERA TITULAR A TC No Definitivo
Facultad de Química
Desde 01-03-2022

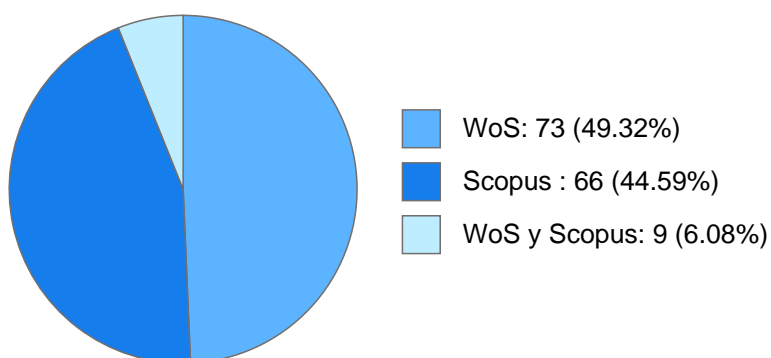
Estímulos, programas, premios y reconocimientos

SNI I 2020 - 2025
EQUIVALENCIA PRIDE B 2021 - 2024

RODRIGO AGUAYO ORTIZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Glyoxalase-1 Inhibition Leads to Ferroptosis Induction in Lung Cancer Cells: A Dual Mechanism of Action of Hydroxamic Acids Derived from Cysteine	JOSUE MARTINEZ MIRANDA RODRIGO AGUAYO ORTIZ ROGELIO HERNANDEZ PANDO et al.	Chemmedche m	2026
2	Naturally-derived cellulose-chitosan soft-hydrogel for sustained local docetaxel micelles delivery: from in silico modeling to preclinical validation in ovarian and glioblastoma models	RODRIGO AGUAYO ORTIZ Magali Sureda Giacomoluciano Vitelli et al.	Carbohydrate Polymer Technologies And Applications	2026
3	Rational design of indolyl acrylamides as antibacterial agents targeting multidrug-resistant Acinetobacter baumannii strains	ALEJANDRA HERNANDEZ SANTOYO ARMANDO HERNANDEZ GARCIA RODRIGO AGUAYO ORTIZ et al.	Rsc Medicinal Chemistry	2025
4	Natural Products Inhibit Bacterial Growth and Modulate Quorum-Sensing Systems Las and Rhl in Pseudomonas aeruginosa PA14	RODOLFO GARCIA CONTRERAS RODRIGO AGUAYO ORTIZ ITZEL RUBI YEVERINO SANCHEZ et al.	CHEMISTRY & BIODIVERSITY	2025
5	Alchemical free energy-based optimization of quinazoline derivatives as potent EGFR inhibitors with cytotoxic activity	ULISES MARTINEZ ORTEGA RODRIGO AGUAYO ORTIZ ESTEFANY DAMARIS GUERRERO MOLINA et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2025

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6	Machine Learning-Driven Discovery of Structurally Related Natural Products as Activators of the Cardiac Calcium Pump SERCA2a	ELI ANTONIO ALONSO FERNANDEZ DE GORTARI RODRIGO AGUAYO ORTIZ Cruz-Cortés C. et al.	Chemmedchem	2025
7	Chemical Analysis and Antidiabetic Potential of a Decoction from Stevia serrata Roots	SOFIA PADILLA MAYNE BERENICE OVALLE MAGALLANES MARIO ALBERTO FIGUEROA SALDIVAR et al.	JOURNAL OF NATURAL PRODUCTS	2024
8	Understanding the Modulatory Role of E2012 on the γ -Secretase-Substrate Interaction	DULCE CONSUELO GUZMAN OCAMPO RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2024
9	Endogenous complement 1q binding protein (Clqbp) regulates mitochondrial permeability transition and post-myocardial infarction remodeling and dysfunction	MANUEL GUTIERREZ AGUILAR RODRIGO AGUAYO ORTIZ Klutho P.J. et al.	JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY	2024
10	Elucidating the Protonation State of the γ -Secretase Catalytic Dyad	DULCE CONSUELO GUZMAN OCAMPO RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS et al.	ACS CHEMICAL NEUROSCIENCE	2023
11	A novel machine learning-based screening identifies statins as inhibitors of the calcium pump SERCA	ELI ANTONIO ALONSO FERNANDEZ DE GORTARI RODRIGO AGUAYO ORTIZ Cruz-Cortés C. et al.	JOURNAL OF BIOLOGICAL CHEMISTRY	2023
12	Synthesis of Quinazolin-2,4,6-triamine Derivatives as Non-purine Xanthine Oxidase Inhibitors and Exploration of Their Toxicological Potential	MARIA DEL CARMEN GARCIA RODRIGUEZ RODRIGO AGUAYO ORTIZ FRANCISCO HERNANDEZ LUIS et al.	Chemmedchem	2023
13	Molecular modeling of the phosphoglycerate kinase and fructose-bisphosphate aldolase proteins from <i>Candida glabrata</i> and <i>Candida albicans</i>	RODRIGO AGUAYO ORTIZ Vázquez-López N.A. Cuéllar-Cruz M.	MEDICINAL CHEMISTRY RESEARCH	2023
14	Enhancing Giardicidal Activity and Aqueous Solubility through the Development of γ RetroABZ, a Regioisomer of Albendazole: In Vitro, In Vivo, and In Silico Studies	RODRIGO AGUAYO ORTIZ JULIO CESAR RIVERA LEYVA JUAN GABRIEL NAVARRETE VAZQUEZ et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2023
15	Molecular Insights into the Covalent Binding of Zoxamide to the β -Tubulin of <i>Botrytis cinerea</i>	RODRIGO AGUAYO ORTIZ Velasco-Saavedra M.A. Mar-Antonio E.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2023

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16	Structure-Based Optimization of Carbendazim-Derived Tubulin Polymerization Inhibitors through Alchemical Free Energy Calculations	ARIANA ROMERO VELASQUEZ MIGUEL ANGEL FLORES RAMOS MARCO ANTONIO CERBON CERVANTES et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2023
17	Discovery of inhibitors of protein tyrosine phosphatase 1B contained in a natural products library from Mexican medicinal plants and fungi using a combination of enzymatic and in silico methods	MIRIAM DIAZ ROJAS MARTIN GONZALEZ ANDRADE RODRIGO AGUAYO ORTIZ et al.	FRONTIERS IN PHARMACOLOGY	2023
18	Antimicrobial and antibiofilm activity of fungal metabolites on methicillin-resistant Staphylococcus aureus (ATCC 43300) mediated by SarA and AgrA	RODOLFO GARCIA CONTRERAS RODRIGO AGUAYO ORTIZ MARIO ALBERTO FIGUEROA SALDIVAR et al.	Biofouling	2023
19	Determination of nucleoside DOTIL inhibitors? residence times by tRAMD simulations	LUIS FERNANDO COLORADO PABLO MIGUEL ANGEL SANTOS CONTRERAS RODRIGO AGUAYO ORTIZ et al.	Frontiers In Drug Discovery	2022
20	Homologous cardiac calcium pump regulators phospholamban and sarcolipin adopt distinct oligomeric states in the membrane	RODRIGO AGUAYO ORTIZ Liu A.Y. Guerrero-Serna G. et al.	Computational and Structural Biotechnology Journal	2022
21	Insights into the binding of morin to human gamma D-crystallin	RODRIGO AGUAYO ORTIZ DULCE CONSUELO GUZMAN OCAMPO Dominguez L.	BIOPHYSICAL CHEMISTRY	2022
22	Kinetic and Molecular Docking Studies to Determine the Effect of Inhibitors on the Activity and Structure of Fused G6PD::6PGL Protein from Trichomonas vaginalis	ALEJANDRA ABIGAIL GONZALEZ VALDEZ ROBERTO ALEJANDRO ARREGUIN ESPINOSA DE LOS MONTEROS RODRIGO AGUAYO ORTIZ et al.	Molecules	2022
23	A GDPase/UDPase bifunctional enzyme from Candida albicans: purification and biochemical characterization	RODRIGO AGUAYO ORTIZ Jaime A. Bibian-Garcia Jorge A. Ortiz-Ramirez et al.	ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY	2022
24	Synthesis, in vitro, in silico and in vivo hypoglycemic and lipid-lowering effects of 4-benzyloxy-5-benzylidene-1,3-thiazolidine-2,4-diones mediated by dual PPAR α /? modulation	RODRIGO AGUAYO ORTIZ Madrigal-Angulo J.L. Méñez-Guerrero C. et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2022

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25	Unveiling the Possible Oryzalin-Binding Site in the alpha-Tubulin of Toxoplasma gondii	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS	Acs Omega	2022
26	Primitive Phospholamban- and Sarcolipin-like Peptides Inhibit the Sarcoplasmic Reticulum Calcium Pump SERCA	RODRIGO AGUAYO ORTIZ Jessi J. Bak Nishadh Rathod et al.	BIOCHEMISTRY	2022
27	Molecular basis of Toxoplasma gondii oryzalin resistance from a novel alpha-tubulin binding site model	LAURA DOMINGUEZ DUEÑAS RODRIGO AGUAYO ORTIZ Flores-León C.D.	ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS	2022
28	In Silico Characterization of Masitinib Interaction with SARS-CoV-2 Main Protease	ULISES MARTINEZ ORTEGA DIEGO IGNACIO FIGUEROA FIGUEROA FRANCISCO HERNANDEZ LUIS et al.	Chemmedchem	2021
29	Characterizing the Chemical Space of gamma-Secretase Inhibitors and Modulators	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS Aprimengel Santiago et al.	ACS CHEMICAL NEUROSCIENCE	2021
30	A multiscale approach for bridging the gap between potency, efficacy, and safety of small molecules directed at membrane proteins	RODRIGO AGUAYO ORTIZ Creech J. Jiménez-Vázquez E.N. et al.	SCIENTIFIC REPORTS	2021
31	Identification and In Silico Characterization of Novel Helicobacter pylori Glucose-6-Phosphate Dehydrogenase Inhibitors	RODRIGO AGUAYO ORTIZ ALEJANDRA ABIGAIL GONZALEZ VALDEZ SERGIO ENRIQUEZ FLORES et al.	Molecules	2021
32	Total syntheses and antiproliferative activities of prenostodione and its analogues	MARIA TERESA OBDULIA RAMIREZ APAN RODRIGO AGUAYO ORTIZ MAYRA SILVA MIRANDA et al.	ORGANIC & BIOMOLECULAR CHEMISTRY	2021
33	(2Z)-3-Hydroxy-3-(4-R-Phenyl)-Prop-2-Enedithioic Acids as New Antituberculosis Compounds	CLARA INES ESPITIA PINZON RODRIGO AGUAYO ORTIZ ROBERTO MARTINEZ et al.	Infection and Drug Resistance	2021
34	Dynamics-Driven Allostery Underlies Ca ²⁺ -Mediated Release of SERCA Inhibition by Phospholamban	RODRIGO AGUAYO ORTIZ Raguimova O.N. Robia S.L. et al.	BIOPHYSICAL JOURNAL	2020
35	A hallmark of phospholamban functional divergence is located in the N-terminal phosphorylation domain	ELI ANTONIO ALONSO FERNANDEZ DE GORTARI RODRIGO AGUAYO ORTIZ Autry J.M. et al.	Computational and Structural Biotechnology Journal	2020
36	Linking biochemical and structural states of serca: Achievements, challenges, and new opportunities	RODRIGO AGUAYO ORTIZ Michel Espinoza-Fonseca L.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2020

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37	Conserved Luminal C-Terminal Domain Dynamically Controls Interdomain Communication in Sarcolipin	RODRIGO AGUAYO ORTIZ ELI ANTONIO ALONSO FERNANDEZ DE GORTARI Espinoza-Fonseca L.M.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2020
38	Effects of Mutating Trp42 Residue on gamma D-Crystallin Stability	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2020
39	Predicting the pK(a) Shift of Acidic Residues in the Calcium-Binding Sites of Serca using Alchemical Free-Energy Calculations	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS L. Michel Espinoza-Fonseca	BIOPHYSICAL JOURNAL	2020
40	Conformational analysis by NMR and molecular dynamics of adamantane-doxorubicin prodrugs and their assemblies with β -cyclodextrin: A focus on the design of platforms for controlled drug delivery	ISRAEL GONZALEZ MENDEZ RODRIGO AGUAYO ORTIZ KENDRA IVON SORROZA MARTINEZ et al.	BIOORGANIC & MEDICINAL CHEMISTRY	2020
41	Disruption of TFIIH activities generates a stress gene expression response and reveals possible new targets against cancer	RODRIGO AGUAYO ORTIZ MARIA DEL PILAR VALENCIA MORALES ERIKA ISABEL MELCHY PEREZ et al.	OPEN BIOLOGY	2020
42	Design, Synthesis and Evaluation of 2,4-Diaminoquinazoline Derivatives as Potential Tubulin Polymerization Inhibitors	RODRIGO AGUAYO ORTIZ MARIA TERESA OBDULIA RAMIREZ APAN FRANCISCO HERNANDEZ LUIS et al.	Chemmedchem	2020
43	Atomistic structure and dynamics of the Ca^{2+} -atpase bound to phosphorylated phospholamban	RODRIGO AGUAYO ORTIZ Espinoza-Fonseca L.M.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2020
44	Quantifying correlations between mutational sites in the catalytic subunit of β -secretase	CECILIA CHAVEZ GARCIA RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2019
45	Toward the Characterization of DAPT Interactions with β -Secretase	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS Guzmán-Ocampo D.C.	Chemmedchem	2019
46	APH-1A Component of β -Secretase Forms an Internal Water and Ion-Containing Cavity	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS	ACS CHEMICAL NEUROSCIENCE	2019
47	Thermodynamic Stability of Human gamma D-Crystallin Mutants Using Alchemical Free-Energy Calculations	RODRIGO AGUAYO ORTIZ AUGUSTO JOSE GONZALEZ NAVEJAS MIGUEL ANTONIO COSTAS BASIN et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2019

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48	Quinazoline derivatives as potential tubulin polimerization inhibitors	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS FRANCISCO HERNANDEZ LUIS et al.	Abstracts Of Papers Of The American Chemical Society	2019
49	Evaluation of New Benzimidazole Derivatives as Cysticidal Agents: In Vitro, in Vivo and Docking Studies	ILIANA ELVIRA GONZALEZ HERNANDEZ SILVIA PATRICIA MELCHOR DONCEL DE LA TORRE FRANCISCO HERNANDEZ LUIS et al.	CHEMICAL & PHARMACEUTIC AL BULLETIN	2019
50	Effects of the Protonation State of Titratable Residues and the Presence of Water Molecules on Nocodazole Binding to β -Tubulin	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Chemmedche m	2018
51	Synthesis of a poly(ester) dendritic β -cyclodextrin derivative by click chemistry: Combining the best of two worlds for complexation enhancement	ISRAEL GONZALEZ MENDEZ RODRIGO AGUAYO ORTIZ YARELI ROJAS AGUIRRE et al.	CARBOHYDRATE POLYMERS	2018
52	Untying the knot of transcription factor druggability: Molecular modeling study of FOXM1 inhibitors	RODRIGO AGUAYO ORTIZ Tabatabaei-Dakhili S.A. Domínguez L. et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2018
53	Simulating the gamma-secretase enzyme: Recent advances and future directions	RODRIGO AGUAYO ORTIZ Dominguez L.	Biochimie	2018
54	Identification and characterization of novel receptor-interacting serine/threonine-protein kinase 2 inhibitors using structural similarity analysis	RODRIGO AGUAYO ORTIZ Salla M. Danmaliki G.I. et al.	JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS	2018
55	Influence of membrane lipid composition on the structure and activity of gamma-secretase	RODRIGO AGUAYO ORTIZ LAURA DOMINGUEZ DUEÑAS John E. Straub	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2018
56	Structure-based approaches for the design of benzimidazole-2-carbamate derivatives as tubulin polymerization inhibitors	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	CHEMICAL BIOLOGY & DRUG DESIGN	2017
57	Generation of Amyloid-beta Peptides by gamma-Secretase	RODRIGO AGUAYO ORTIZ Dominguez, L.	ISRAEL JOURNAL OF CHEMISTRY	2017

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58	Synthesis, antiprotozoal activity, and chemoinformatic analysis of 2-(methylthio)-1H-benzimidazole-5-carboxamide derivatives: Identification of new selective giardicidal and trichomonocidal compounds	JOSE MIGUEL VELAZQUEZ LOPEZ RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2017
59	Characterizing the structural ensemble of gamma-secretase using a multiscale molecular dynamics approach	RODRIGO AGUAYO ORTIZ CECILIA CHAVEZ GARCIA LAURA DOMINGUEZ DUEÑAS et al.	CHEMICAL SCIENCE	2017
60	Curcumin alters the cytoskeleton and microtubule organization on trophozoites of Giardia lamblia	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	ACTA TROPICA	2017
61	Insights into the Giardia intestinalis enolase and human plasminogen interaction	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS Meza-Cervantez, P. et al.	MOLECULAR BIOSYSTEMS	2017
62	Insights into the structure and inhibition of Giardia intestinalis arginine deiminase: homology modeling, docking, and molecular dynamics studies	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2016
63	Anti-inflammatory and antioxidant properties of a novel resveratrol-salicylate hybrid analog	RODRIGO AGUAYO ORTIZ JOSE LUIS MEDINA FRANCO Aldawsari, Fahad S. et al.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2016
64	Resveratrol-salicylate derivatives as selective DNMT3 inhibitors and anticancer agents	RODRIGO AGUAYO ORTIZ JOSE LUIS MEDINA FRANCO Aldawsari, Fahad S. et al.	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2016
65	Design and synthesis of resveratrol-salicylate hybrid derivatives as CYP1A1 inhibitors	RODRIGO AGUAYO ORTIZ Aldawsari, Fahad S. Elshenawy, Osama H. et al.	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	2015
66	Chemoinformatics analysis of natural products databases: Toward the identification of tubulin polymerization inhibitors	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2015

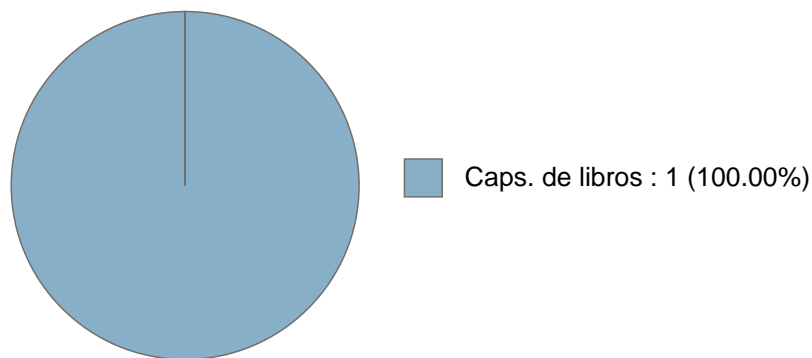
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67	Synthesis, antiprotozoal activity, and structure-activity relationships of novel 1-methyl-2-(methylthio)-1H-benzimidazole-5-carboxamide derivatives: Identification of new selectivity compounds	RODRIGO AGUAYO ORTIZ RAFAEL CASTILLO BOCANEGRA PEDRO JOSUE TREJO SOTO et al.	Abstracts Of Papers Of The American Chemical Society	2015
68	Chemoinformatic characterization of activity and selectivity switches of antiprotozoal compounds	RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS RAFAEL CASTILLO BOCANEGRA et al.	FUTURE MEDICINAL CHEMISTRY	2014
69	Homology modeling of Giardia intestinalis arginine deiminase: Insights into its structure and inhibition	Pedro J. Trejo Soto RODRIGO AGUAYO ORTIZ MARIA ALICIA HERNANDEZ CAMPOS et al.	Abstracts Of Papers Of The American Chemical Society	2014
70	Towards the identification of the binding site of benzimidazoles to β -tubulin of <i>Trichinella spiralis</i> : Insights from computational and experimental data	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO JOSE LUIS MEDINA FRANCO et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2013
71	Molecular basis for benzimidazole resistance from a novel β -tubulin binding site model	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO RUBEN ANTONIO ROMO MANCILLAS et al.	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2013
72	Synthesis, hypoglycemic activity and molecular modeling studies of pyrazole-3-carbohydrazides designed by a CoMFA model	EDUARDO HERNANDEZ VAZQUEZ RODRIGO AGUAYO ORTIZ FRANCISCO HERNANDEZ LUIS et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2013
73	Computational study of a possible binding site of benzimidazoles to β -tubulin of <i>Trichinella spiralis</i>	RODRIGO AGUAYO ORTIZ OSCAR MENDEZ LUCIO FRANCISCO HERNANDEZ LUIS et al.	Abstracts Of Papers Of The American Chemical Society	2012

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LIBROS Y CAPITULOS CON ISBN

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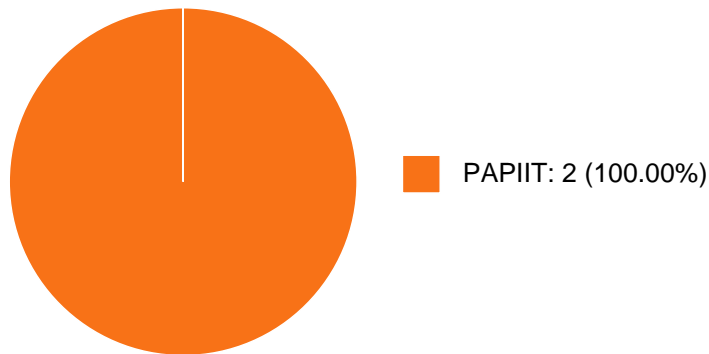


#	Título	Autores	Alcance	Año	ISBN
1	Overview of Computer-Aided Drug Design for Epigenetic Targets	RODRIGO AGUAYO ORTIZ ELI ANTONIO ALONSO FERNANDEZ DE GORTARI	Capítulo de un Libro	2016	9780128028094

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

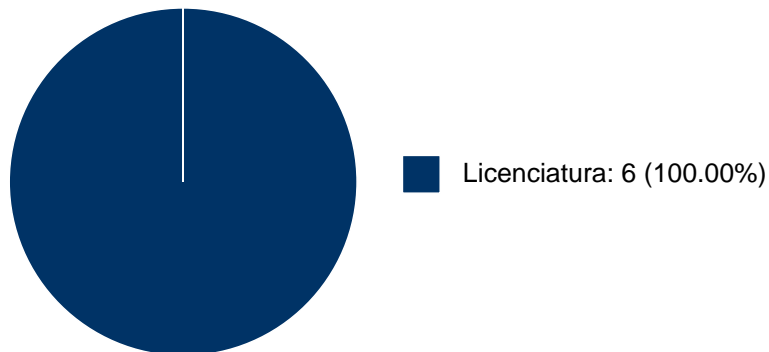


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Búsqueda y diseño de nuevos inhibidores de la polimerización de la tubulina con potencial actividad anticancerígena y antiparasitaria	RODRIGO AGUAYO ORTIZ	Recursos PAPIIT	01-01-2022	31-12-2023
2	Diseño de nuevos inhibidores duales de la polimerización de la tubulina y de la actividad enzimática de proteínas cinasas como potenciales agentes anticancerígenos	RODRIGO AGUAYO ORTIZ	Recursos PAPIIT	01-01-2024	31-12-2025

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Estudio computacional de la interacción de derivados de la orizalina con la α -tubulina de protozoarios parásitos	Tesis de Licenciatura	RODRIGO AGUAYO ORTIZ,	Flores León, Carlos Daniel,	Facultad de Química,	2023
2	Inhibidores de la polimerización de la tubulina acoplados al sitio de la colchicina : una revisión crítica de la información cristalográfica	Tesis de Licenciatura	RODRIGO AGUAYO ORTIZ,	Colorado Pablo, Luis Fernando,	Facultad de Química,	2023
3	Transportadores de eflujo bacterianos relacionados con la resistencia a múltiples antibióticos	Tesis de Licenciatura	RODRIGO AGUAYO ORTIZ,	Ambrosio Huerta, Armando Alberto,	Facultad de Química,	2023
4	Estudio computacional de la interacción de dietofencarb y carbendazim con la β -tubulina de Botrytis cinerea	Tesis de Licenciatura	RODRIGO AGUAYO ORTIZ,	Mar Antonio, Efrén,	Facultad de Química,	2023



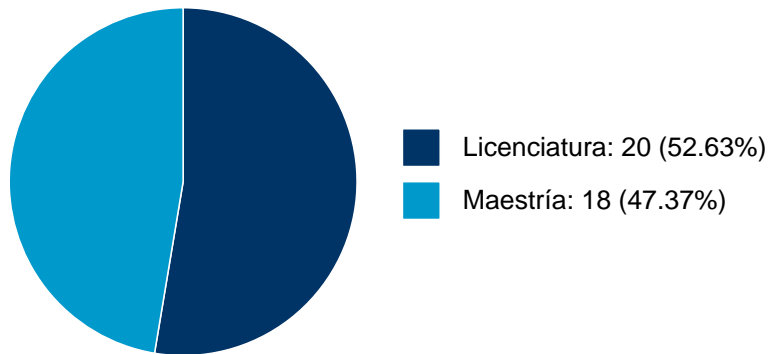
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5	Evaluación computacional de análogos de flurbiprofeno con posibilidad de actuar sobre los péptidos β -amiloide	Tesis de Licenciatura	RODRIGO AGUAYO ORTIZ,	LAURA DOMINGUEZ DUEÑAS, Álvarez Hernández, Alejandro,	Facultad de Química,	2019
6	Estudio computacional del heterotetrámero de tubulinas y su interacción con estabilizadores microtubulares, con aplicación en el tratamiento de la enfermedad de Alzheimer	Tesis de Licenciatura	RODRIGO AGUAYO ORTIZ,	LAURA DOMINGUEZ DUEÑAS, Goode Romero, Guillermo David,	Facultad de Química,	2017

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	27	2025-2
2	Licenciatura	QUIMICA GENERAL II	Facultad de Química	59	2025-2
3	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	7	2025-1
4	Licenciatura	QUIMICA GENERAL I	Facultad de Química	54	2025-1
5	Maestría	SEMINARIO DE INVESTIGACIÓN II	Facultad de Química	1	2024-2
6	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Química	1	2024-2
7	Maestría	SEMINARIO DE INVESTIGACIÓN III	Facultad de Química	1	2024-2
8	Maestría	TRABAJO DE INVESTIGACIÓN III	Facultad de Química	1	2024-2
9	Maestría	TEMA SELECTO QUÍMICA FARMACÉUTICA I	Facultad de Química	8	2024-2
10	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	15	2024-2
11	Licenciatura	QUIMICA GENERAL II	Facultad de Química	58	2024-2
12	Maestría	SEMINARIO DE INVESTIGACIÓN I	Facultad de Química	1	2024-1
13	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Química	1	2024-1
14	Maestría	SEMINARIO DE INVESTIGACIÓN II	Facultad de Química	1	2024-1
15	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Química	1	2024-1
16	Maestría	TRABAJO DE INVESTIGACIÓN III	Facultad de Química	1	2024-1
17	Maestría	TRABAJO DE INVESTIGACIÓN III	Facultad de Química	1	2024-1
18	Maestría	TEMA SELECTO QUÍMICA FARMACÉUTICA I	Facultad de Química	7	2024-1
19	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	10	2024-1
20	Licenciatura	QUIMICA GENERAL I	Facultad de Química	60	2024-1
21	Licenciatura	QUIMICA GENERAL II	Facultad de Química	61	2024-1
22	Maestría	TEMA SELECTO QUÍMICA FARMACÉUTICA I	Facultad de Química	5	2023-2
23	Licenciatura	QUIMICA GENERAL II	Facultad de Química	62	2023-2

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24	Maestría	SEMINARIO DE INVESTIGACIÓN I	Facultad de Química	1	2023-2
25	Maestría	TRABAJO DE INVESTIGACIÓN I	Facultad de Química	1	2023-2
26	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Química	1	2023-2
27	Maestría	TRABAJO DE INVESTIGACIÓN II	Facultad de Química	1	2023-2
28	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	16	2023-2
29	Licenciatura	QUIMICA GENERAL I	Facultad de Química	65	2023-1
30	Licenciatura	QUIMICA GENERAL II	Facultad de Química	70	2023-1
31	Maestría	TEMA SELECTO QUÍMICA FARMACÉUTICA I	Facultad de Química	3	2023-1
32	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	16	2023-1
33	Licenciatura	QUIMICA GENERAL II	Facultad de Química	63	2022-2
34	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	21	2022-2
35	Licenciatura	QUIMICA GENERAL I	Facultad de Química	50	2022-2
36	Licenciatura	QUIMICA GENERAL I	Facultad de Química	70	2022-1
37	Licenciatura	QUIMICA GENERAL II	Facultad de Química	72	2022-1
38	Licenciatura	QUIMICA FARMACEUTICA	Facultad de Química	7	2022-1



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



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PATENTES

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

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2026
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2026
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	2008-2026
9	Documentos Indexados	Thomson Reuters	WoS	2008-2026
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2026
11	Patentes	IMPI	SIGA	2008-2024