

Póster Miércoles 13 de Noviembre			
Pharmacology Area	N° Poster	Title	Authors
Neuropharmacology	1	Design of selective positive allosteric modulator affecting the function of the hyperekplexic glycine receptor carrying the r271q mutation.	Victoria Oviedo-Pino ^{1,2} , Katherine Fariña ¹ , Carlos Peña-Varas ² , Paulina Valenzuela-Hormazabal ² , David Flaig ¹ , Nicole Espinoza ¹ , Ana Marileo ¹ , Gustavo Moraga-Cid ¹ , David Ramírez ²
Neuropharmacology	2	Activation of Somatostatin-Expressing Interneurons in the Dentate Gyrus Enhances Structural Plasticity and Memory in Aged Mice	Antonella Osses T. and Estibaliz Ampuero
Neuropharmacology	3	The Relationship Between The Oral Microbiota and Obsessive-Compulsive Disorder: a scoping review	Lopez-Saavedra A.1.; Jorquera-Lopez F.1; Vallejos-Barría P.2; Escobar A.P3,4,5.
Neuropharmacology	4	The interference in reelin signaling reactivates plasticity in mature cortical neurons	Amanda Gutierrez 1; Estibaliz Ampuero 1; David Ramirez 2; Paula Santana 3; Violeta Chang 4
Neuropharmacology	5	Probenecid oral administration mitigates cognitive impairments and glial activation in a murine model of Alzheimer's disease	Mery E. 1,2; Mujica P. 1,2; Gómez B. 1,2; Garay C. 1,5; León C. 1,5; Flores C. 1,2; Illanes J. 1,2; González A. 2,3,4; Ardiles A. 1,2,4,6
Pharmacodynamics	6	Design of sulfonamides with tetrahydroquinoline rings as potential positive allosteric modulators of the glycine receptor alpha 3	Pacheco-Paternina L.C.1; Valero-Rojas J.O.1,2; López-Villa J.J.2; Moraga-Cid G.A.3; Ramírez D.1
Neuropharmacology	7	Effect of astaxanthin on nuclear calcium signaling, transcription factor activation and neuroinflammation using an excitotoxic model in cultured hippocampal neurons.	Macarena Ponce ^{1,2} , Joaquín Gómez ² , Omar Ramírez ³ , Hilmar Bading ³ , Claudio Córdoba ⁴ , Tatiana Adasme ⁵ , Álvaro Ardiles ^{1,2,6} and Pablo Muñoz ^{1,2}
Neuropharmacology	8	Effect of astaxanthin on recognition memory, hippocampal synaptic plasticity, oxidative stress and neuro-inflammatory response in aged rats.	Diego Mauriz ^{1,3} , Alejandra Ponce ^{1,2} , Karla Cataldo ^{1,2} , Daniela Meza ^{1,2} , Patricio Farías ^{1,2} , Álvaro Ardiles ^{1,2,4} and Tatiana Adasme ⁵ , Cecilia Hidalgo ⁵ and Pablo Muñoz ^{1,2}
Neuropharmacology	9	Sexual dimorphism in the distribution and density of somatostatin interneurons in the dentate gyrus.	Muñoz A.; Osses A.; Ampuero E.
Neuropharmacology	10	Sex-biased pseudouridylation landscape induced by chronic stress in the rat dorsal hippocampus: a potential therapeutic target for neuropsychiatric disorders	Palacios-Avenidaño N.; Corrales W.A.; Alarcón-Mardones M.; Fiedler J.L.
Neuropharmacology	11	Impact of TNF- α on Pannexin 1 Channels Activation and its Role in Dysfunction of Mouse Brain Endothelial Cells.	Stefany Órdenes 1,2; Carolina Flores-Muñoz 2; Javiera Illanes 1,2; Jaime Maripillan 2; Ricardo Ceriani 5; María J Guerra 2; Agustín D. Martínez 2; González-Jamett Arlek 2,4,5 and Álvaro O. Ardiles 2,3,4.
Neuropharmacology	12	Impaired synaptic transmission in cultured accumbal neurons of an Alzheimer disease mouse model.	Meza I. 1,2; Saavedra P. 1,2; Rifo N. 1; Zambrano H. 1; San Martín L. 1,2; González-Sanmiguel J. 1,2

Neuropharmacology	13	Probenecid, the drug that blocks panx1 channels, enhances glutamatergic signaling in hippocampal neurons of alzheimer's disease.	Illanes-González J.1,2, Flores-Muñoz C.2, Ordenes S.1,2, Mery E.2, Muñoz P.3, González-Jamett A.2,3,4, Ardiles-Araya A.2,3,5.
Molecular Pharmacology	14	Molecular interactions of gelsemium compounds with glycine receptors	González, V.A.1,2; Millar C1; Marileo, A.M1; Yévenes G.E.1; Burgos, C.F.1.
Molecular Pharmacology	15	Computational Modeling and Design of Tubulin-Binding Peptides for Potential Antimitotic Activity.	Matías Zúñiga-Bustos
Molecular Pharmacology	16	Mar1 as a Pharmacological Target for Inflammation Resolution and Hepatoprotection in MAFLD: Solving from Molecular Dynamics	Quiñones San Martín M. 1,2; Herrera Vielma F. 1,2; Berrocal-Navarrete F. 1; Olivera-Fuentes C. 3; Norambuena-González R. 1,4; Gonzáles R. D. 1; Perera-Sardiña Y. 1; Zúñiga-Hernández J. 1.
Molecular Pharmacology	17	Maresin 1, as a hepatoprotective agent, has an anti-inflammatory role over metabolic damage associated with type 2 diabetes mellitus.	Fernanda Berrocal-Navarrete1; Paz Marín Sanhueza1,2; Nicolás Muñoz-Carrasco1,3; Matías Quiñones San Martín1,4; Ramón Norambuena-González1,5; Daniel González1; Jessica Zúñiga-Hernández1
Medicinal chemistry	18	Trisubstituted Pyrimidines as autophagy inhibitors.	Oyaneder L.1; Silva-Urbina M.J.1; Espinoza C.2; del Campo A.1
Medicinal chemistry	19	Implementation of an integrated screening platform for therapeutic discovery and innovation in biomedical research centers of central chilean macrozone.	Alfaro I.A., Retamal M.
Medicinal chemistry	20	Metadrug: An AI-Driven Tool for Accelerated Molecule Optimization in Hit-to-Lead Drug Development	Nunez G 1.; Bosch P 2.; Herrera M 2.; Alfaro I.A. 1.
Medicinal chemistry	21	Dark and light-induced activities of rhenium (i) and manganese (i) based photoactivatable co-releasing complexes with p,n-bidentate ligand	Herrera Z. A. 1,2; Sáenz-Martínez D. E. 1,2,3; Mallea M. 4; Toro P. 5; Jara D. 6; Günther G. 7; Rivero P. 8; Fuentealba D. 8; Vega A. 1; Pizarro N. 1
Medicinal chemistry	22	Aminoquinazoline hybrids: a strategy in agr2 modulation for the regulation of secretory mucins.	Sáenz-Martínez Daniel. 1; Herrera Zarah. 2
Pharmacokinetics / drug metabolism	23	Development of an analytical method using UV spectroscopy to determine fluoxetine and methylated fluoxetine after simulated in vitro digestion conditions in monogastric animals	1Añasco, A; 1Rojas-Hidalgo, F; 2Segura, K; 2Iturriaga-Vásquez, P; 1Julio-Pieper M, 1Bravo, JA
Pharmacokinetics / drug metabolism	24	Individualized Vancomycin Dosing: Evaluation of tdmx and precisepk® to Optimize Antibiotic Therapy in a University Hospital	: Herrera Y. 1; Alarcón C. 1,3; Jirón M. 1; Espinoza S. 1; Hernandez A. 2; Gutiérrez-Cáceres C. 1,3
Ethnopharmacology	25	The nifedipine-like effect induced by Drimys winteri seed extract on intracellular Ca2+ signals: modulation of L-type Ca2+ channel	Meza, ME1; Ramírez-Molina, O1; Sáez-Orellana, F1; Godoy, PA1; Olivares-Caro L2; Bustamante L2; Mardones, C2; Aguayo LG3; Yévenes, GE4; Fuentealba, J1.
Ethnopharmacology	26	Determination of total phenolic and flavonoid content and evaluation of antioxidant and antimicrobial properties of ethanolic extracts from leaves and flowers of Fuchsia magellanica Lam.	Quintana M. 1; Cáceres M. 1; Ruiz L. 1; Silva P. 1; Valenzuela V. 1; Bravo J. 2; Navarro M. 2; Bridi, R. 1; Valenzuela-Barra G. 1

Clinical pharmacology	27	Evaluation of Cardiovascular Risk and Metabolic Disorders in HIV/AIDS Patients Undergoing Antiretroviral Therapy.	Soto M-X.1-2; Tapia-Bustos A.2.3.
Clinical pharmacology	28	Characterization Study of Clozapine Dosage in Patients at Félix Bulnes Hospital	Sandoval C1,2, Pasten F1, Flores D1, Arellano G1, Quiñones L2,3,4.
Pharmacoepidemiology	29	Analysis of Psychotropic Drug Prescriptions in Primary Health Care Using Data Science	Gutiérrez-Sandoval J. 1,2; Atencio R. 1,3; Martínez O.T 1,3; Veas-Castillo L. 1,4; Sánchez-Montoya E.L 1,5.
Biopharmaceuticals	30	Inhibitory Effects of Acetamide Core Compounds on hACE2/Omicron Spike Protein Interaction	González, Natalia. 1,2, Venturini, Whitney. 4, Zúñiga, Rafael. 1,2,3, Lorena Camargo. 5, Margarita Gutiérrez. 5, Zúñiga, Leandro. 1,2.
Biopharmaceuticals	31	Development of an antiviral formulation, based on Durvillaea antarctica extracts, to treat skin lesions caused by herpes simplex virus	Carbone-Schellman J. 1,3; Duarte L.F 1,2,3 ; Navarro A.J 1,3; Troncoso N. 4; Agurto-Muñoz C. 4; González P.A 1,3.
Biopharmaceuticals	32	Bromhexine Hydrochloride decreases the infection of Omicron pseudovirus in a stable HEK293/ACE2 cell line	Zúñiga R 1,2,3; Venturini W. 4; González N. 1,2; Ramírez D. 5; Zúñiga L. 1,2
Biopharmaceuticals	33	Design of DNA Aptamers as a Pharmacological tool to Modulate the HCN2 ion Channel Activity	Christian Olivera-Fuentes 1; José C.E. Márquez Montesinos 2; Leandro Zúñiga 1
Toxicology	34	Effect of tryptophan-derived indolic aryl hydrocarbon receptor (ahr) agonists on cell viability of human neural cells	Cerro V., Appel-Rubio J., Peña F., Pérez S., Torres J., Torres-Vergara P.
Immunopharmacology	35	Effects of time restricted feeding in macrophage phenotype after high fat diet.	Briones-Manríquez F1., Ibarra I1., Araya M.J2,3., Almarza G1., Grau A1., Luz-Crawford P2,3., del Campo A1.
Immunopharmacology	36	Characterization of bone marrow derived macrophages from C57BL6 mice with sarcopenic obesity treated with nals	Ibarra I. 1; Briones-Manríquez F. 1; Araya M. J. 2,3; Almarza G. 1; Grau A. 1; Luz-Crawford P. 2,3; del Campo A. 1
Cardiovascular Pharmacology	37	Antifibrotic Effects of HCN Channel Blockade on Cardiac Fibroblast Activation Following Simulated Ischemia/Reperfusion.	Reyes J. 1; Talma N. 1; Aránguiz P. 2
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Pharmacogenetics	39	Long non-coding rnas: promising biomarkers for early detection of cisplatin-induced nephrotoxicity	Lugones Y.; Loren P. and Salazar L.A
Biopharmaceuticals	40	PHAGE DISPLAY-IDENTIFIED CYCLIC PEPTIDE INHIBITORS OF TASK-1 POTASSIUM CHANNELS.	Constanza Maldonado-Morales1, Rafael Zúñiga1,2, Leandro Zuñiga1,2
Molecular pharmacology	41	COMPUTATIONAL ANALYSIS OF THE SSDNA APTAMER-LACTADHERIN INTERACTION AS A STRATEGY TO INHIBIT ITS ACTIVITY DURING BREAST CANCER PROGRESSION.	Riquelme-Herrera A. 1,2,3; Ibacache-Chía A. 1,6; Mayorga-Lobos C. 2,3,4,5; Abarca-Anjarí G. 1; Lobos-González L. 2,3,4.
Pharmacogenetics	42	THE CURRENT STATE OF OPIOID PHARMACOGENETICS IN LATIN AMERICA: A REVIEW	Olivares-González A. 1; Zhang E. J. 3; Pirmohamed M. 3; Quiñones L. A. 1,2; Gutiérrez-Cáceres C. 1,2
Pharmacogenomics	43	ASSOCIATION BETWEEN THE GENETIC VARIANT RS4696480 IN TLR2 AND THE RISK OF INFECTIONS IN PEDIATRIC PATIENTS WITH ACUTE LYMPHOBLASTIC LEUKEMIA	Quintanilla D.; Moraga N. ; Martínez C. ; Alarcón C. ; Acuña I. ; Torres E. ; Martínez M.F.

Veterinary pharmacology	44	Immunomodulatory effect of delphinidine on the production of reactive oxygen species, metalloproteinase 9 and extracellular traps of canine neutrophils	Hidalgo A. I 1; Burgos R. A; Hidalgo M. A.
Pharmacogenomics	45	ASSOCIATION BETWEEN NUDT15 GENE POLYMORPHISM AND THROMBOCYTOPENIA IN ALL PATIENTS TREATED WITH 6-MERCAPTOPYRINE	Martínez T. C. ; Aracena J.; Alarcon C. ; Acuña I.; Torres E. ; Martínez F. M.
Veterinary pharmacology	46	TAMOXIFEN PRODUCES A REDUCTION IN NEUTROPHIL FUNCTION IN OBESE IN ASTHMA-AFFECTED HORSES.	Moran G, Albornoz A, Morales B.