

Póster Martes 12 de Noviembre			
Pharmacology Area	N° Poster	Title	Authors
Neuropharmacology	1	Contribution of dynamin to cytoskeleton-dependent spinogenesis in hippocampal neurons of 3xtg mice, a murine model of alzheimer's disease	Francisca Jiménez-Olguín ^{1,2} , Valentina Martínez-Santibáñez ^{1,2} , Marjorie Labraña-Allende ^{1,3} , Javiera Illanes-Gonzalez ^{4,5} , Carolina Flores-Muñoz ⁶ , Joaquín Silva-Guzman ^{1,3} ,
Neuropharmacology	2	Modulation of Locomotor Behavior in Zebrafish by Nicotine and Modafinil	Martínez-Durán L.M.; Farias-Cea A.; Pérez L.; Atiés R.C.; Leal C.; Iturriaga-Vásquez P.
Neuropharmacology	3	Obesity-induced neuroinflammation role in the hippocampal-lateral septum-lateral hypothalamus pathway in rats.	Marcos, J.L. ^{1,2,3} ; Olivares-Barraza, R. ^{1,4} ; Sotomayor-Zárate, R. ¹
Neuropharmacology	4	Micro RNA 17-5p Modulates Hedonic and Anxiety-like Behaviors: Relevance of Synaptic Transcriptome and Proteome in the Ventral Hippocampus.	Olave F. A.; Corrales W. A.; Silva J. P.; Guarnieri T. A.; Alarcón M. I.; Catalán J. C.; González P. I.; Palacios N. A. and Fiedler J. L.
Clinical Pharmacology	5	Analysis of pharmacological interactions in patients undergoing dual antiplatelet therapy for secondary prevention: an outpatient medication perspective	Santibáñez K.1; Andrade A.1; Riquelme J.2.3; Sandoval R. 4; Tapia-Bustos A.1.2.
Neuropharmacology	6	Role of dynamin's catalytic activity on mitochondrial dynamics in hippocampal neurons of 3xtg mice, a murine model of alzheimer's disease	Camilo Harros-Guerra ^{1,2} , Joaquín Silva-Guzman ^{1,3} , Javiera Illanes-Gonzalez ^{4,5} ; Carolina Flores-Muñoz ⁶ , Barbara Gomez-Soto ¹ , Arlek Gonzalez-Jamett
Neuropharmacology	7	Computational strategy for the identification of multitarget compounds: applications in alzheimer's disease.	Paulina Valenzuela-Hormazabal ¹ , Jessica Valero-Rojas ^{1,2} , David Ramirez ^{1*}
Neuropharmacology	8	Chlorogenic acid prevents the toxic effects of 27-hydroxycholesterol in Danio rerio embryos.	Ríos-Orozco S.1,2, Pardo-Venegas R.2, Castro M.2, Sarrazín A.2, Julio-Pieper M.2, Bravo JA.2
Neuropharmacology	9	Early-life exposure to antibiotics shapes social behaviours and intestinal beta-glucuronidase activity in juvenile rats.	Kuehnel I. M. ¹ , González-Irarrázabal C. E. ¹ , Pardo R. V. ¹ , Julio-Pieper M. ¹ , Bravo J. A. ¹
Neuropharmacology	10	Impact of BIST-23, a pharmacological promotor of dynamin's GTP-ase activity, on the cognitive function and actin organization in a murine model of Alzheimer's Disease.	Barbara Gomez-Soto ¹ , Constanza Cáceres ^{1,2} , Álvaro O. Ardiles ^{3,4,5} , Arlek González-Jamett ^{1,4,5,6} .
Neuropharmacology	11	Impaired Mitochondrial Respiration Following Perinatal Asphyxia in Rats: Insights from Real Time Analysis with Seahorse XF Technology Integration	Díaz-Urbina E, Almarza C, Davidson H, Cortés A, Ezquer F, Morales P, Urrea FA, Herrera-Marschitz M
Neuropharmacology	12	Effect of astaxanthin on nlrp3 and mitochondrial function in a mouse hippocampal cell line	Camila Uribe Tapia, Pablo Muñoz Carvajal, Álvaro Ardiles Araya.
Neuropharmacology	13	Effects of intranasal vasopressin administration on amphetamine relapse and VTA neurotransmitters content in male and female adolescent rats	Bahamonde,T.1; Fuentes, A.1,2; Cáceres, D.1; Moreno, M.1,2; Sanhueza, C.1; Sotomayor-Zárate, R.3; Renard, G.M.1
Neuropharmacology	14	Effect of The Chemogenetic Inhibition of DA neurons in the Function and Levels of D2R in the Mouse Nucleus Accumbens	Urrea-Jara N. ^{1,2} ; Solís J.F. ^{1,2} ; Meza R.C.3; Moya P.R.3,4; Sotomayor-Zárate R.3,5, Escobar A.P.1,2,3,5

Neuropharmacology	15	Characterization of Neurospheres Obtained from Human Dermal Fibroblasts	Vergara Pérez F. 1,2; Ceriani Fernández R.1,3; Weinstein Oppenheimer C. 1
Neuropharmacology	16	Study of the distribution of GRK-2 in the mouse mesolimbic system	Moreno R.D.1,2; Andrés M.E3,4; Gatica R.I3,4; Escobar A.P2,5,6
Molecular Pharmacology	17	RV D1 does not prevent the increase of sod2/atf5/pgc-1 α in angiotensin ii-stimulated cardiac fibroblast	Pinto-Fernández, Diego 1; Román-Torres, Mauricio 1;
Molecular Pharmacology	18	Cytotoxic effect of autophagy inhibition with ferroquine on oral squamous cell carcinoma	Vásquez G. 1; Olmedo I. 2; Molina A. 3; Jara S. 3
Molecular Pharmacology	19	Evaluation of the antifibrotic effect of boldine in human lung fibroblasts.	Camila Rebolledo-Vizcarro . 1; Rodríguez-González, M. 1; Catalán, M. 1; Vivar, R. 1
Molecular Pharmacology	20	Electrophysiological and computational study of TREK channels modulation by charged molecules.	Peña-Tejo, Luciano. 1; Bedoya, Mauricio. 2,3; Riedelsberger, Janin. 1; González, Wendy. 1
Molecular Pharmacology	21	Characterizing Cco-Tx3 Toxin Binding Site in hnav1.5 Channel.	Díaz E. 1,2; Riedelsberger J. 1; González W. 1,2
Medicinal chemistry	22	Aminoalkylxichalcones ligands targeting histamine 3 receptor and MAO-B for treatment of Parkinson's disease	Díaz-Venegas J. 1; Leitzbach L. 2; Castro-Alvarez A. 3; Añazco T. 1; Salas. C. O. 4; Stark H. 2; Espinosa-Bustos C. 1
Medicinal chemistry	23	Desing and synthesis of new ligands with activity on ache and affinity on SERT.	Juan Pablo González-Gutiérrez1; Dánae Flores Melivilu2; Emilio Hormazábal Uribe3,4; Felipe Moraga-Nicolas3,4; Kerim Segura5; Valentina Hernandez5; Amaury Farias5; Patricio Iturriaga-Vásquez5.
Medicinal chemistry	24	Design of Prohibitin 2 ligands for mitophagy activation in senescent cells: modulation of the PHB2/LC3/P62 pathway	Ferro, W.1, Añazco, T.2, Lagos, C.3, Espinosa, C.2, del Campo, A.1 *
Medicinal chemistry	25	Evaluation of cell viability in GES-1 cell culture exposed to sequential extracts made from inflorescences of the Palo Negro plant (<i>Leptocarpha rivularis</i>).	Rojas J. 1,2; Montenegro I.,2; Villena J.3; Vergara R. 3; Weinstein C.4; Madrid A.5
Pharmacodynamics	26	Functional selectivity, or biased agonism, a novel concept and its pharmacodynamical implications	Rubilar I.; Donoso M.V.; Huidobro-Toro J. P.
Pharmacogenomics	27	ASSOCIATION BETWEEN GENETIC VARIANTS OF DNA REPAIR ENZYMES AND COLORECTAL CANCER PATIENT'S GLOBAL SURVIVAL UNDER 5-FU BASED TREATMENT.	Moreno D. 1; Cerpa L.C.1,6; Barra S.1; Calfunao S.1,7; Cayún J.P.1,6; Donoso G.2; Barajas O.3; Muller B.4; Cáceres D.5 Varela N. 1,6; Colombo A.2; Quiñones L. 1,6,7
Pharmacogenetics	28	association between tmpt genetic variants (rs 1142345 and rs1800460) and hematological alterations in pediatric patients with acute lymphoblastic leukemia undergoing induction treatment with 6-mp	Noemí Moraga-Lucero, Javiera Aracena, Dariana Quintanilla, Claudio Alarcón, Claudio Martínez, Esperanza Torres, Iván Acuña, Matías Martínez.
Pharmacogenetics	29	association between the rs1045642 variant in abcb1 and rs11045879 in oatp1b1 and the onset of mucositis in intermediate risk pediatric all patients undergoing consolidation protocol with methotrexate	Aracena-Farías J. ; Acuña I. ; Alarcón C. ; Martínez C. ; Torres E. ; Martínez M.F.

Ethnopharmacology	30	Cytotoxic activity of incompitine a through downregulation of hexokinase ii in breast cancer cell lines	Arietta-García A. G. 1,2, Calzada F. 3, Bautista E. 4, Ordoñez-Razo R.M.1
Ethnopharmacology	31	Cytotoxic activity of extracts from flowers of the tribe heliantheae evaluated in neoplastic cell lines	Ulloa A, Bravo G, Jara C, Montenegro I, Villena J.
Clinical pharmacology	32	Determinants of adherence to antiretroviral treatment in HIV patients: an assessment from the perspective of a specialized national advisory panel	Toro A.1; Cifuentes G.1; Neira S.1; Peña V.1; Gómez V.1; Gómez V.2, Soto X.3, Tapia-Bustos A.1.4.
Pharmacoepidemiology	33	Algorithms based on international criteria for pharmacovigilance alerts in elderly people and applied to the historical database of desam valdivia	Mora C. R. 1,2; Sánchez-Montoya E. L. 1,3; Veas-Castillo L. 1,4
Biopharmaceuticals	34	Role of Pannexin 1 channels in β fgf -induced dermal fibroblast response.	Ceriani R. 1,2; Moraga F.1; Flores-Muñoz C. 3; Maripillan J. 3; Weinstein-Opppenheimer C.1; Martínez A. 3.
Toxicology	35	Effect of indole-based aryl hydrocarbon receptor ligands on cell viability of human cerebral microvascular endothelial cells	Pérez S., Appel-Rubio J., Peña F., Cerro V., Torres J., Torres-Vergara P.
Immunopharmacology	36	Antitumor mechanisms induced by a novel fully human antibody targeting the mica protein	Guerra-Peña Y. 1, González F. 1, Toledo-Stuardo K.1, Diaz C. 1, Álvarez V.1, Garrido MJ. 1, Nicolás Cristi N.1, Ribeiro C.1, Altamirano C. 2, Molina MC.1.
Immunopharmacology	37	Development of Anti-MICA Functionalized Gold Nanospheres for Enhancing Phagocytosis of MICA-Expressing Cells: Towards Gastric Cancer Applications.	Campos I. 1, 2, 3; Riveros A. 2; Gonzalez-Herrera F. 1; Toledo K.1, 3; Garrido M. J. 1; Fehring N. 1; Gonzalez-Olivares M. 1; Hermoso M. 3; Kogan M. 2; Molina M. C. 1.
Gastrointestinal pharmacology	38	Effect of a nutritional intervention with kefir on the intestinal microbiota and metabolic parameters of adults with metformin treated type 2 diabetes.	González-Pizarro K.1; Ibacache-Quiroga C. 1,2; Ahumada R. 1; Dinamarca M.A. 1,2
Cardiovascular Pharmacology	39	3-nitrotyrosine and NLRP3 as markers of atrial fibrillation following cardiac surgery: potential pharmacological targets in cardiac arrhythmias.	Castillo RL. 1*, Carrasco, RA2., González-Candia A 3., Paz AA. 4, Candia, AA 4.5., Arias, PV 4., Herrera, EA, 5.6.; Iturra S. 7.; Sawa K.,8
Cardiovascular Pharmacology	40	ASSESSING OF THE PRO-RESOLVING EFFECTS OF rvd2, mar1 AND rve1: THE ROLE OF NF-kb-NLRP3 PATHWAY IN A 3D VASCULAR INFLAMMATION MODEL.	Rojas Bernal P.1; Roman C.1; Arlek G.2; Campos C.1,3
Gastrointestinal pharmacology	41	Gut-brain axis alterations and circadian changes in salivary cortisol: a pilot study in university students from Valparaiso	Tapia A. 1, 2; Julio-Pieper M. 1; Lizana P. A. 2; Bravo J. A. 1
Endocrine pharmacology	42	Glut4 and glycosidic metabolism: metformin as a potential therapeutic alternative in autosomal dominant centronuclear myopathy (ad-cnm).	Parra C.; Silva j.; Gómez B.; Moraga D.; González A.
Gastrointestinal pharmacology	43	Morphological changes of colonic submucosal NPY neurons at different developmental stages.	Babbonney S.1; Pardo R.V.1; Bravo J.A.1; Julio-Pieper M.1
Medicinal chemistry	44	Cationic triphenylphosphonium compounds as H3R ligands with antioxidant properties.	Osses-Mendoza P. 1; Werner T. 2; Añazco, T. 1;
Medicinal chemistry	45	CHEMICAL CHARACTERIZATION AND ANTIOXIDANT CAPACITY OF THE	Guevara Torrejón V.1; Caballero Alvarez C.1,2; Escobar Pena M.2;

		HYDROALCOHOLIC EXTRACT OF LAMPAYO MEDICINALIS F. PHIL (VERBENACEAE).	Chávez Cortés.2; Vera Quezada W.1
Biopharmaceuticals	46	Formulation of an Ulvan-Based Polymeric Matrix from Ulva rigida and Gelatin for Potential Use in Cutaneous Wound Treatment.	Sandoval H.1,2; Guevara V. 2,3; Vera W. 2,3; Ceriani R.1,4.
Pharmacogenomics	47	EFFECT OF A HIGH-FAT DIET ON OXIDATIVE STRESS AND RELATIVE ABUNDANCE OF ANTIBIOTIC RESISTANCE GENES IN THE GUT MICROBIOTA.	Figuroa A.F 1; Ibacache Q. Claudia 1; Gonzalez P. K 1
Endocrine pharmacology	48	ALDOSTERONE EFFECTS ON HEPATIC AND RENAL CELLS: ACTIVATION OF THE UNFOLDED PROTEIN RESPONSE VIA IRE1 AND PERK PATHWAYS In Vitro.	Amoroso, A 1; Cortés, P. 1; Rubio-Quiróz, L. 3,4; Vecchiola, A. 2, Lagos. C. F. 3,4
Pharmacogenomics	49	EVALUATION OF THE ASSOCIATION BETWEEN GENETIC VARIANTS IN ENZYMES INVOLVED IN THE METABOLISM OF FLUOROPYRIMIDINES AND ADVERSE REACTIONS LINKED TO TREATMENT WITH 5-FU OR CAPECITABINE IN PATIENTS WITH ADVANCED COLORECTAL CANCER.	Kaempfe-Moreno, G 1,2; Flores, I 3; Peña, S 1; Finschi, D 1; Cerpa, L 1,4; Barra S. 1; Calfunao, S 1; Colombo, A 5; Donoso G. 5; Barajas O. 6; Gallardo P. 4; Muller B. 7; Bustamante, E 1,3; Cáceres, D 1; Quiñones, L 1,2,4; Varela, N 1,4
Pharmacogenomics	50	ASSOCIATION BETWEEN GENETIC POLYMORPHISMS OF COMT, OPRD1 AND OPRM1 AND OPIOID SAFETY IN ADVANCED STAGE COLORECTAL CANCER PATIENTS.	Torres B. 1; Ávila N. 1; Menares M. 1; Gutiérrez C. 1, 2, 6; Cerpa L.C. 1, 6; Barra S. 1, Calfunao S. 1; Cayún J.P. 1,6; Donoso G. 3; Barajas O. 4; Gallardo P. 4; Muller B. 5; Cáceres D. 1; Varela N. 1,6; Colombo A. 3; Quiñones L. 1,2,6