



Publications in journals of 2023

- Fortification of Fermented Camel Milk with *Salvia officinalis* L. or *Mentha piperita* Leaves Powder and Its Biological Effects on Diabetic Rats. DOI: [10.3390/molecules28155749](https://doi.org/10.3390/molecules28155749)
- Melatonin Improves Skeletal Muscle Structure and Oxidative Phenotype by Regulating Mitochondrial Dynamics and Autophagy in Zucker Diabetic Fatty Rat. DOI: [10.3390/antiox12081499](https://doi.org/10.3390/antiox12081499)
- Melatonin Preserves Fluidity in Cell and Mitochondrial Membranes against Hepatic Ischemia-Reperfusion. DOI: [10.3390/biomedicines11071940](https://doi.org/10.3390/biomedicines11071940)
- Long-Term Effects and Potential Impact of Early Nutrition with Breast Milk or Infant Formula on Glucose Homeostasis Control in Healthy Children at 6 Years Old: A Follow-Up from the COGNIS Study. DOI: [10.3390/nu15040852](https://doi.org/10.3390/nu15040852)
- Characterization and Molecular Modelling of Non-Antibiotic Nanohybrids for Wound Healing Purposes. DOI: [10.3390/pharmaceutics15041140](https://doi.org/10.3390/pharmaceutics15041140)
- Current Knowledge About the Impact of Maternal and Infant Nutrition on the Development of the Microbiota-Gut-Brain Axis. DOI: [10.1146/ANNUREV-NUTR-061021-025355](https://doi.org/10.1146/ANNUREV-NUTR-061021-025355)
- A Complex mHealth Coaching Intervention to Prevent Overweight, Obesity, and Diabetes in High-Risk Women in Antenatal Care: Protocol for a Hybrid Type 2 Effectiveness-Implementation Study. DOI: [10.2196/51431](https://doi.org/10.2196/51431)
- Impact of Probiotics on the Prevention and Treatment of Gastrointestinal Diseases in the Pediatric Population. DOI: [10.3390/ijms24119427](https://doi.org/10.3390/ijms24119427)
- Effects of infant feeding with goat milk formula or cow milk formula on atopic dermatitis: protocol of the randomised controlled Goat Infant Formula Feeding and Eczema (GIraFFE) trial. DOI: [10.1136/bmjopen-2022-070533](https://doi.org/10.1136/bmjopen-2022-070533)
- Minocycline Prevents the Development of Key Features of Inflammation and Pain in DSS-induced Colitis in Mice. DOI: [10.1016/j.jpain.2022.09.016](https://doi.org/10.1016/j.jpain.2022.09.016)
- Peer review of teaching: using the nominal group technique to improve a program in a university setting with no previous experience. DOI: [10.1080/1360144X.2022.2032718](https://doi.org/10.1080/1360144X.2022.2032718)
- Small Synthetic Hyaluronan Disaccharide BIS014 Mitigates Neuropathic Pain in Mice. DOI: [10.1016/j.jpain.2022.07.014](https://doi.org/10.1016/j.jpain.2022.07.014)
- The sigma-1 receptor curtails endogenous opioid analgesia during sensitization of TRPV1 nociceptors. DOI: [10.1111/bph.16003](https://doi.org/10.1111/bph.16003)
- Sigma-1 receptor agonism exacerbates immune-driven nociception: Role of TRPV1 + nociceptors. DOI: [10.1016/j.biopha.2023.115534](https://doi.org/10.1016/j.biopha.2023.115534)
- Discovery of AD258 as a Sigma Receptor Ligand with Potent Antiallodynic Activity. DOI: [10.1021/acs.jmedchem.3c00959](https://doi.org/10.1021/acs.jmedchem.3c00959)

- Dual Piperidine-Based Histamine H₃ and Sigma-1 Receptor Ligands in the Treatment of Nociceptive and Neuropathic Pain. DOI: [10.1021/acs.jmedchem.3c00430](https://doi.org/10.1021/acs.jmedchem.3c00430)
- Synthesis, Computational Insights, and Evaluation of Novel Sigma Receptors Ligands. DOI: [10.1021/acscchemneuro.3c00074](https://doi.org/10.1021/acscchemneuro.3c00074)
- Correlational Study of Aminopeptidase Activities between Left or Right Frontal Cortex versus the Hypothalamus, Pituitary, Adrenal Axis of Spontaneously Hypertensive Rats Treated with Hypotensive or Hypertensive Agents. DOI: [10.3390/ijms242116007](https://doi.org/10.3390/ijms242116007)
- Asymmetric Pattern of Correlations of Leucine Aminopeptidase Activity between Left or Right Frontal Cortex versus Diverse Left or Right Regions of Rat Brains. DOI: [10.3390/sym15071320](https://doi.org/10.3390/sym15071320)
- Infant gut microbiota contributes to cognitive performance in mice. DOI: [10.1016/j.chom.2023.11.004](https://doi.org/10.1016/j.chom.2023.11.004)
- Taste Neophobia, Latent Inhibition of Taste Aversion and Object Recognition Memory in Adolescent Rats. DOI: [10.7334/psicothema2022.256](https://doi.org/10.7334/psicothema2022.256)
- Choline: An Essential Nutrient for Human Health. DOI: [10.3390/nu15132900](https://doi.org/10.3390/nu15132900)
- Suppression of sweet taste-related responses by plant-derived bioactive compounds and eating. Part I: A systematic review in humans. DOI: [10.1016/j.heliyon.2023.e19733](https://doi.org/10.1016/j.heliyon.2023.e19733)
- Habits and Persistent Food Restriction in Patients with Anorexia Nervosa: A Scoping Review. DOI: [10.3390/bs13110883](https://doi.org/10.3390/bs13110883)
- Sweet-inhibiting effects of gurmardin on intake during repeated acute and long-term sugar exposure: A behavioural analysis using an animal model. DOI: [10.1016/j.jff.2023.105743](https://doi.org/10.1016/j.jff.2023.105743)
- Food Restriction in Anorexia Nervosa in the Light of Modern Learning Theory: A Narrative Review. DOI: [10.3390/bs13020096](https://doi.org/10.3390/bs13020096)
- La relevancia docente de publicar casos clínicos en el campo de la psiquiatría. DOI: [10.32818/reccmi.a8n3a1](https://doi.org/10.32818/reccmi.a8n3a1)
- Suicidal Risk and Depression in Pregnant Women in Times of Pandemic. DOI: [10.1007/s10995-023-03688-3](https://doi.org/10.1007/s10995-023-03688-3)
- Patients with severe mental illness and hepatitis C virus infection benefit from new pangenotypic direct-acting antivirals: Results of a literature review. DOI: [10.1016/j.gastre.2022.06.009](https://doi.org/10.1016/j.gastre.2022.06.009)
- Use of new technologies for the promotion of physical activity in patients with mental illness: A systematic review. DOI: [10.5498/wjp.v13.i4.182](https://doi.org/10.5498/wjp.v13.i4.182)
- Current Opinions about the Use of Duloxetine: Results from a Survey Aimed at Psychiatrists. DOI: [10.3390/brainsci13020333](https://doi.org/10.3390/brainsci13020333)
- Proposed Recommendations for the Management of Depression in Adults with Epilepsy: An Expert Consensus. DOI: [10.1007/s40120-023-00437-0](https://doi.org/10.1007/s40120-023-00437-0)
- Evaluating the Effect of a Telepsychiatry Educational Program on the Awareness, Knowledge, Attitude, and Skills of Telepsychiatry Among Spanish Psychiatrists during COVID-19 Pandemic. DOI: [10.1089/tmj.2022.0051](https://doi.org/10.1089/tmj.2022.0051)
- Genetic structure of major depression symptoms across clinical and community cohorts. DOI: [10.1101/2023.07.05.23292214](https://doi.org/10.1101/2023.07.05.23292214)
- GWAS Meta-Analysis of Suicide Attempt: Identification of 12 Genome-Wide Significant Loci and Implication of Genetic Risks for Specific Health Factors. DOI: [10.1176/appi.ajp.21121266](https://doi.org/10.1176/appi.ajp.21121266)

- Schizophrenia risk conferred by rare protein-truncating variants is conserved across diverse human populations. DOI: [10.1038/s41588-023-01305-1](https://doi.org/10.1038/s41588-023-01305-1)
- The Role of Child Abuse on the Risk for Major Depression Conferred by Body Mass Index in Adulthood. DOI: [10.2139/ssrn.4432690](https://doi.org/10.2139/ssrn.4432690)
- Efficacy and Safety of New B Cell-Targeted Biologic Agent for the Treatment of Systemic Lupus Erythematosus: A Systematic Review and Meta-Analysis. DOI: [10.3390/jcm12144848](https://doi.org/10.3390/jcm12144848)
- Efficacy and Security of Tetrodotoxin in the Treatment of Cancer-Related Pain: Systematic Review and Meta-Analysis. DOI: [10.3390/md21050316](https://doi.org/10.3390/md21050316)
- Conformationally Restricted $\sigma 1$ Receptor Antagonists from (–)-Isopulegol. DOI: [10.1021/acs.jmedchem.2c02081](https://doi.org/10.1021/acs.jmedchem.2c02081)
- Genomics yields biological and phenotypic insights into bipolar disorder. DOI: [10.1101/2023.10.07.23296687](https://doi.org/10.1101/2023.10.07.23296687)
- Polygenic risk prediction: why and when out-of-sample prediction R^2 can exceed SNP-based heritability. DOI: [10.1016/j.ajhg.2023.06.006](https://doi.org/10.1016/j.ajhg.2023.06.006)
- Biomimetic Collagen Membranes as Drug Carriers of Geranylgeraniol to Counteract the Effect of Zoledronate. DOI: [10.3390/biomimetics9010004](https://doi.org/10.3390/biomimetics9010004)
- The Benefits of Olive Oil for Skin Health: Study on the Effect of Hydroxytyrosol, Tyrosol, and Oleocanthal on Human Fibroblasts. DOI: [10.3390/nu15092077](https://doi.org/10.3390/nu15092077)
- Modulation of Osteogenic Gene Expression by Human Osteoblasts Cultured in the Presence of Bisphenols BPF, BPS, or BPAF. DOI: [10.3390/ijms24054256](https://doi.org/10.3390/ijms24054256)
- Editorial: Cell biology of microglia. DOI: [10.3389/fncel.2023.1210124](https://doi.org/10.3389/fncel.2023.1210124)
- LPS-stimulated microglial cells promote ganglion cell death in organotypic cultures of quail embryo retina. DOI: [10.3389/fncel.2023.1120400](https://doi.org/10.3389/fncel.2023.1120400)
- Synthesis, Optical Properties, and Antiproliferative Evaluation of NBD-Triterpene Fluorescent Probes. DOI: [10.1021/acs.jnatprod.2c00880](https://doi.org/10.1021/acs.jnatprod.2c00880)
- Clozapine research standards in former USSR states: A systematic review of quality issues with recommendations for future harmonization with modern research standards. DOI: [10.1016/j.schres.2023.10.040](https://doi.org/10.1016/j.schres.2023.10.040)
- Will ChatGPT3 Substitute for us as Clozapine Experts? DOI: [10.1097/JCP.0000000000001734](https://doi.org/10.1097/JCP.0000000000001734)
- Adverse drug reactions and their fatal outcomes in clozapine patients in VigiBase: Comparing the top four reporting countries (US, UK, Canada and Australia). DOI: [10.1016/j.schres.2023.05.004](https://doi.org/10.1016/j.schres.2023.05.004)
- Escaping the Long Shadow Cast by Agranulocytosis. DOI: [10.1002/pcn5.70](https://doi.org/10.1002/pcn5.70)
- Reflections on the Lack of Consideration of Ethnic Ancestry to Stratify Clozapine Dosing. DOI: [10.30773/pi.2022.0293](https://doi.org/10.30773/pi.2022.0293)
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