CURRICULUM VITAE

Claudia Alejandra Martinez Garcia

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EDUCATION

- 2023: Undergraduate degree in Pharmaceutical Chemistry. Universidad Nacional de Colombia, Colombia.
- 2021: STEAM and project formulation with emphasis on research.

MEMBERSHIP IN RESEARCH GROUPS

- Research group: Pharmacoinformatics & Drug Design
  Group Leader David Mauricio Ramirez Sanchez
  Universidad de Concepción
  Concepción, Chile

SCIENTIFIC ARTICLES

Arrué, L., Cigna-Méndez, A., Barbosa, T., Borrego-Muñoz, P., Struve-Villalobos, S., Oviedo, V., **Martínez-García, C.**, Sepúlveda-Lara, A., Millán, N., Márquez Montesinos, J. C. E., Muñoz, J., Santana, P. A., Peña-Varas, C., Barreto, G. E., González, J., & Ramírez, D. (2022). New drug design avenues targeting alzheimer's disease by pharmacoinformatics-aided tools. Pharmaceutics, 14(9), 1914. https://doi.org/10.3390/pharmaceutics14091914

PROFESSIONAL EXPERIENCE

- **Current:** Research assistant: Pharmacoinformatics and drug design research group. Universidad de Concepción. Concepción, Chile.
- **2023:** Hospital Professional Practice. Fundación Santa Fe de Bogotá. Bogotá, Colombia.
- **2022:** Hospital Professional Practice. Hospital Universitario de La Samaritana. Bogotá, Colombia.

SCIENTIFIC EVENTS

- **2023:** XIX Colombian Congress of Chemistry: "alliance for a sustainable development". Postér. Phytocannabinoids: Deciphering their Relationship with Targets and Diseases through Network Pharmacology.
- **2022:** 31st Conference for the Presentation of Undergraduate Research Poster Papers. Poster. Identification of new compounds with potential activity against the TMC1 channel to treat or prevent deafness using chemoinformatics methods.
- **2022:** 2nd event of the Molecular Modeling Group Colombia. Poster. Identification of TMC1 ion channel modulators as a therapeutic alternative for the treatment of deafness.

PROJECT PARTICIPATION

- Identification of TMC1 ion channel modulators as a therapeutic alternative for the treatment of deafness (Project No. FOVI210027).