



M.D. Miguel Guerrero-González

Organic Chemistry professor at Escuela Nacional de Ciencias Biológicas Instituto Politécnico Nacional (ENCB-IPN México)

Fourteen years of experience in the field of medicinal chemistry, carrying out computer-aided drug design, directed organic synthesis and pharmacological evaluation using in vitro and in vivo models under the philosophy of the 3Rs.

His research projects focus on the development of drugs aimed at treating diseases of the central nervous system, the development of computational algorithms that help drug development, and the study of the origin and evolution of life and conscience from the chemical perspective.

has obtained molecules with therapeutic potential such as anticancer agents in the central nervous system, antiepileptics, sedatives, anxiolytics, and antineuroinflammatory.

He has also developed non-QSAR predictive mathematical models, which could be implemented in machine learning.

As a professor, he has helped train several students in thesis work.

He has a youtube channel “química chida”, where he exposes and teaches about chemistry, chemoinformatics and more.

(https://www.youtube.com/channel/UCIWe9CJfGEMwbegkRE1_YrA)