FITOQUÍMICA Y EXTRACCIÓN DE PRODUCTOS NATURALES

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Grados académicos

- 1975. Licenciatura: Q.F.B., Facultad de Química. Universidad Nacional Autónoma de México. México.
- 1978. M. C. Facultad de Química. Universidad Nacional Autónoma de México. México.
- 1989. Ph. D. University of Wales, Cardiff. United Kingdom.

Líneas Generadora y/o Aplicación (LGAC) Institucional

- Gestión, Innovación y Valor Agregado de Recursos Vegetales.

Cursos

- BOT-603 Introducción a la Botánica Funcional
- BOT-648 Fitoquímica

Publicaciones relevantes

- Jorge Reyes Rivera, Eloy Solano, Teresa Terrazas, Marcos Soto-Hernández, Salvador Arias, Yara C. Almanza-Arjona, Luis A. Polindara-García. Classification of lignocellulosic matrix of spines in Cactaceae by Py-GC/MS combined with omic tools and multivariate analysis: A chemotaxonomic approach. Journal of Analytical and Applied Pyrolysis 148, 2020 104796. Doi: 10.1016/j.jaap.2020.104796.

- Itzen Aguiñiga-Sánchez, Marcos Soto-Hernández, Jorge Cadena-Iñiguez, Mario-Suwalsky, José R. Colina, Iván Castillo, Juana Rosado-Pérez, Víctor M. Mendoza-Núñez and Edelmiro Santiago-Osorio Phytochemical analysis and antioxidant and anti-inflammatory capacity of the extracts of fruits of the *Sechium* hybrid. Molecules 2020, 25, 4637. Doi: 10.3390/molecules25204637

- María E. Salazar-Laureles, Ramón M. Soto-Hernández and Rubén San Miguel-Chávez. Growth regulators detected in the tuberization of potato plants infected by candidatus liberibacter and treated with salicylic acid and hydrogen peroxide. The potato crop management, production and food security. Nova Science Publisher, Ic. ISBN:978-1-68507-203-2(eBook). Doi: 10.52305/RHLO1469, 2021

- Agustín Maceda, Marcos Soto-Hernández and Teresa Terrazas. Chemical-anatomical characterization of stems of Asparagaceae species with potential use for lignocellulosic fibers and biofuels. Forests 13, 1853, 2022. doi:10.3390/f13111853

- Agustín Maceda, Marcos Soto-Hernández and Teresa Terrazas. Cellulose in secondary xylem of cactaceae; crystalline composition and anatomical distribution. Polymers 14, 4840, 2022. doi: 10.3390/polym14224840

- Carmen Gabriela Mendoza-Mendoza, Ramón Marcos Soto Hernández, Ma. Del Carmen Mendoza Castillo, Adrián Delgado Alvarado and Francisco Javier Sánchez Ramírez. Foods and beverages made from Mexican Purple Corn: a means to increase anthocyanins´ intake. Functional Foods in Health and Disease, 13 (11) 632-647, 2023. DOI:10.31989/ffhd.v13i11.1194

- Marcos Soto-Hernández, Eva Aguirre-Hernández and Mariana Palma Tenango. Phytochemicals in agriculture and food. Published in London, United Kingdom. Bioiochemistry book series, Volume 53. 2024. Print ISBN 978-1-83768-682-7 Online ISBN 978-1-83768-683-4. Doi:10.5772/intechopen.104363