



Dr. Luis Francisco Salomé Abarca

luis.salome@colpos.mx

5959520200 ext. 1124



EDUCACION

2011. Químico Biólogo Parasitólogo. Universidad Autónoma de Guerrero.
2014. Maestría en Ciencias, Recursos Genéticos y Productividad-Fisiología Vegetal. Colegio de Postgraduados.
2020. Doctor of Philosophy (PhD). Leiden University. The Netherlands.

PUBLICACIONES

- Salomé-Abarca, L. F.**, Márquez-López, R. E., Santiago-García, P. A., & López, M. G. (2023). HPTLC-based fingerprinting: An alternative approach for fructooligosaccharides metabolism profiling. *Current Research in Food Science*, 6, 100451. <https://doi.org/10.1016/j.crfs.2023.100451>
- Pineda-Ríos, J. M., Cibrián-Tovar, J., López-Romero, R. M., Hernández-Fuentes, L. M., Soto-Rojas, L., Llanderal-Cázares, C., García-Sosa, R. P., & **Salomé-Abarca, L. F.** (2023). Volatilome analysis of soursop fruits for the determination of kairomone components that attract the Annonaceae fruit weevil (*Optatus palmaris* Pascoe). *Plants*, 12(22), 3898. <https://doi.org/10.3390/plants12223898>
- Salomé-Abarca, L. F.**, Hernández, V. A. G., Soto-Hernández, R. M., Ramírez-Ramírez, I., & Cruz-Huerta, N. (2024). Phenotypic diversity in *Calendula officinalis* L. regarding plant growth, photosynthetic traits, flower yield, and oil content. *Agrociencia*, 1-22. [10.47163/agrociencia.v58i4.2922](https://doi.org/10.47163/agrociencia.v58i4.2922)
- Sigala-Aguilar, N. A., **Salomé-Abarca, L. F.**, López, M. G., & Fernández-Luqueño, F. (2024). Bioactive metabolites upregulation in tomato seedlings (*Solanum lycopersicum* L.) through non-soil damaging foliar applications of multi-walled carbon nanotubes. *Scientia Horticulturae*, 338, 113603. <https://doi.org/10.1016/j.scienta.2024.113603>
- Fernandes, H. P., & **Salomé-Abarca, L. F.** (2025). Isolation and Identification of Coumarins from *Citrus latifolia* Leaves Using Advanced Chromatographic Techniques. In *Natural Product Isolation and Identification: Methods and Protocols* (pp. 153-163). New York, NY: Springer US. https://doi.org/10.1007/978-1-0716-4350-1_11