



第 503 回つくば分子生命科学セミナー

TSUKUBA MOLECULAR LIFE SCIENCE SEMINAR

Title : Aromatic and Medicinal Plants in Africa

Speaker : Professor Hany A. El-Shemy
Biochemistry Department, Faculty of Agriculture
Cairo University

Date : July 16, 2026 17:00-18:30

Venue : Medical Science Building 4F Rm 483

Abstract

The use of natural resources for medical treatments in some severe diseases such as cancers. The most important message is to have native foods which contain high amount of active compounds that can be used as a medicinal plant. Most pharmaceutical drugs were discovered from plants, and still ongoing research will have to predict such new active compounds as anti-diseases.

References:

- 1) Elbasyouni A, Kyama MC, El-Shemy HA, Mwitari PG (2025) Computational investigation and experimental validation of the molecular mechanism of Solanecio mannii aqueous roots extract against cervical cancer. PLoS One 20(5): e0323680. <https://doi.org/10.1371/journal.pone.0323680>.
- 2) Elbasyouni A, Kyama MC, El-Shemy HA, Mwitari PG. Metabolomics Profile and Pro-Apoptotic Activity of Solanecio mannii Root Extracts Against Human Cervical Cancer Cell Lines. Natural Product Communications. 2025;20(4). doi:10.1177/1934578X251330949

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