Name: Asmaa Abo Elgoud Said Abdel Hamid.

Date of birth: 8. September 1992

Place of birth: Beni-Mazar, Minia, Egypt

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Educational Background:

2009 – 2014: Bachelor of Science degree in Pharmacy, Minia University, Minia, Egypt, with general grade "Excellent".

2016 – 2019: Master of Science degree in Pharmacy (Pharmacognosy), Minia University, Egypt.

Thesis: Phytochemical and biological studies of *Aptenia cordifolia* L.F. Family Aizoaceae cultivated in Egypt.

2020 – 2024: PHD of Science degree in Pharmacy (Pharmacognosy), Minia University, Egypt.

Thesis: Phytochemical and biological investigation of secondary metabolites from marine origin.

Employment Record:

2016 – 2020: Demonstrator at pharmacognosy department, Faculty of Pharmacy, Minia Univeristy, Minia, Egypt.

2020 – 2024: Assistant Lecturer, Pharmacognosy Department, Faculty of Pharmacy, Minia University, Minia, Egypt.

2024 – Present: Lecturer, Pharmacognosy Department, Faculty of Pharmacy, Minia University, Minia, Egypt.

Research Experiences:

1- Isolation of naturally occurring compounds using different chromatographic techniques such as TLC, CC, and HPLC.

2- Structure elucidation of various groups of natural products viz. terpenes, alkaloids, Phenolic compounds .....etc. using different spectroscopic techniques including 1D and 2D NMR and MS.

3- Research on the biological activities of natural products and compounds isolated from natural sources, as well as exploring the potential reuse of food waste and natural products in various biological applications.

Teaching Experience:

(2016-2023): Participating in teaching the practical courses of General Pharmacognosy, Phytochemisytry, phytotherapy and Applied Pharmacognosy for the undergraduate students of Faculty of Pharmacy, Minia University, Minia, Egypt.

(2024-Present): Participating in teaching the courses of General Pharmacognosy, and Applied Pharmacognosy for the undergraduate students of Faculty of Pharmacy, Minia University, Minia, Egypt.

List of Publications (RI score: 46.4, h-index: 3)

(1) Natural product potential of the genus Aptenia.

Said, A. A. E., E. Z. Attia, U. R. Abdelmohsen and M. A. A Fouad (2019). "Natural products potential of the genus Aptenia." Journal of advanced Biomedical and Pharmaceutical Sciences **2**(2): 59-62.

(2) Antidepressant potential of *Mesembryanthemum cordifolium* roots assisted by metabolomic analysis and virtual screening.

Said, A. A. E., T. F. Ali, E. Z. Attia, A.-S. F. Ahmed, A. H. Shehata, U. R. Abdelmohsen and M. A. Fouad (2021). "Antidepressant potential of Mesembryanthemum cordifolium roots assisted by metabolomic analysis and virtual screening." Natural Product Research **35**(23): 5493-5497.

(3) Bioactive natural products from marine sponge belonging to family Hymedesmiidae.

Said, A. A. E., B. K. Mahmoud, E. Z. Attia, U. R. Abdelmohsen and M. A. Fouad (2021). "Bioactive natural products from marine sponges belonging to family Hymedesmiidae." RSC advances **11**(27): 16179-16191.

(4) NS3/4A helicase inhibitory alkaloids from *Aptenia cordifolia* as HCV target.

Said, A. A. E., A. H. Afifi, T. F. Ali, M. N. Samy, U. R. Abdelmohsen, M. A. Fouad and E. Z. Attia (2021). "NS3/4A helicase inhibitory alkaloids from *Aptenia cordifolia* as HCV target." RSC advances **11**(52): 32740-32749.

(5) Anti-leishmanial and cytotoxic compounds isolated from marine sponge *Hemimycale* sp.

SAID, Asmaa Abo Elgoud, et al. Anti-leishmanial and cytotoxic compounds isolated from marine sponge *Hemimycale* sp. Natural Product Research, 2023, 1-7.

(6) Niosomes as promising approach for enhancing the cytotoxicity of Hemimycale sp. total crude extract supported with in-silico studies.

Said, A.A.E., Mahmoud, B.K., Helmy, A.M. et al. Niosomes as promising approach for enhancing the cytotoxicity of Hemimycale sp. total crude extract supported with in-silico studies. Sci Rep 14, 2546 (2024).

(7) Bioassay-guided isolation and in Silico characterization of cytotoxic compounds from *Hemimycale* sp. Sponge targeting A549 lung cancer cells.

Said, A.A.E., Abdel-Rahman, I.M., Mostafa, Y.A. et al. Bioassay-guided isolation and in Silico characterization of cytotoxic compounds from Hemimycale sp. Sponge targeting A549 lung cancer cells. BMC Chemistry 18, 213 (2024).