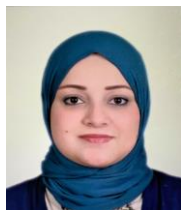


Miada Fouad Abdelwahab Mohamed

PERSONAL INFORMATION



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WORK EXPERIENCE

04/2019 - present

Lecturer in Pharmacognosy Department - Faculty of Pharmacy Minia University, Minia (Egypt)

Participating in teaching the following courses:

- 1- Medicinal plants for 1st semester students, Pharm D – Clinical pharmacy program.
- 2- Pharmacognosy (I) for 2nd semester students, Pharm D – Clinical pharmacy program.
- 3- Pharmacognosy (2) for 3rd semester students, Pharm D – Clinical pharmacy program.
- 4- Pharmacognosy (4) for 2nd year students – General program
- 5- Phytochemistry (I) for 4th year students – General program.
- 6- Phytochemistry (II) for 5th semester students, Pharm-D – General program
- 7- Phytotherapy for 8th semester students – Clinical pharmacy program.

12/2020 - present

Production manager in JABPS (Journal of Advanced Biomedical and Pharmaceutical Sciences)

<https://jabps.journals.ekb.eg/>

09/2014–03/2019

Teaching assistant in Pharmacognosy Department - Faculty of Pharmacy, Minia University, Minia (Egypt)

Participating in teaching the practical courses and laboratory tutorials of:

- 1- Applied pharmacognosy (Chromatography and Spectral analysis of natural products) for 4th year students
- 2- Phytochemistry (II) for 5th semester students, clinical pharmacy program.
- 3- Quality control for 6th semester students, clinical pharmacy program.
- 4- Phytotherapy for 8th semester students, clinical pharmacy program.

10/2004–07/2009

Demonstrator in Pharmacognosy Department - Faculty of Pharmacy. Minia University, Minia (Egypt)

Participating in teaching the practical courses and laboratory tutorials of:

- 1- Pharmacognosy and Medicinal plants for first year students.
- 2- Pharmacognosy and Medicinal plants for second year students.
- 3- Phytochemistry for third year students.
- 4- General Pharmacognosy for first semester students, clinical pharmacy program.
- 5- Pharmacognosy (I) for second semester students, clinical pharmacy program.
- 6- Pharmacognosy (II) for third semester students, clinical pharmacy program.
- 7- Phytochemistry (I) for fourth semester students, clinical pharmacy program.

EDUCATION

- 19/03/2019 **Ph. D in pharmaceutical sciences (Pharmacognosy)**
– Entitled: “Cytotoxic secondary metabolites from endophytes and *Penicillium* sp.”
– Faculty of Pharmacy, Minia University, Minia (Egypt)
– **Channel program** (10/2016 - 07/2018) Heinrich-Heine-University Düsseldorf
Institute of Pharmaceutical Biology and Biotechnology
40225 **Düsseldorf, Germany**
- 30/06/2009 **Master of pharmaceutical sciences (Pharmacognosy)**
– Entitled: “Pharmacognostical study of *Petrea volubilis* L., family Verbenaceae cultivated in Egypt”.
– Faculty of Pharmacy, Minia University, Minia (Egypt)
- 27/05/2004 **Bachelor of pharmaceutical sciences**
– Faculty of Pharmacy, Minia University, Minia (Egypt)

PERSONAL SKILLS

- Languages Arabic, English and French
- Job-related skills (Technical Experience)
- 1- Morphological study of medicinal plants.
 - 2- Microscopical study and identification of medicinal plants.
 - 3- Preliminary phytochemical screening of plant constituents.
 - 4- Isolation and purification of fungal strains from different natural sources.
 - 5- Extraction of the active compounds from plants / fungi.
 - 6- Organic solvent fractionation of total plant / fungi extracts.
 - 7- Separation and purification of active principles using various chromatographic methods (e.g., TLC, CC, GC-MS and HPLC).
 - 8- Interpretation of natural products using different spectroscopic techniques such as UV, MS and 1D and 2D NMR.
 - 9- Utilization of metabolomics in identification of new secondary metabolites
 - 10- Biological investigation of total extracts, different fractions and pure isolated compounds to discover their therapeutic potential.
- Computer skills Good command of Microsoft Office™ tools, ChemDraw, MestReNova and EndNote

ADDITIONAL INFORMATION

- Research of Interest**
- Isolation and structure elucidation of natural products.
 - Investigation of the biological activities of the isolated metabolites with the aim to discover new drugs.
- List of publications**
- <https://orcid.org/0000-0001-6597-0487>
<https://www.researchgate.net/profile/Miada-Abdelwahab>
<https://scholar.google.com/citations?hl=en&user=zSuRQyMAAAAJ>

1. Mustafa, A., El-Kashef, D.H., Gomaa, A.A.R., Mustafa, M., Abdel-Wahab, N.M. and Ibrahim, A.H., 2023. Investigation of Antiviral Effects of Essential Oils. *Essential Oils: Extraction Methods and Applications*, pp.99-123.
2. Abdel-Razek, M.A., **Abdelwahab, M.F.**, Abdelmohsen, U.R. and Hamed, A.N., **2022**. Pharmacological and phytochemical biodiversity of *Corchorus olitorius*. *RSC advances*, 12(54), pp.35103-35114.
3. Khalil, H.E., **Abdelwahab, M.F.**, Ibrahim, H.I.M., AlYahya, K.A., Altaweel, A.A., Alasoom, A.J., Burshed, H.A., Alshawush, M.M. and Waz, S., **2022**. Cichoriin, a Biocoumarin, Mitigates Oxidative Stress and Associated Adverse Dysfunctions on High-Fat Diet-Induced Obesity in Rats. *Life*, 12(11), p.1731.
4. Khalil, H.E., **Abdelwahab, M.F.**, Ibrahim, H.I.M., AlYahya, K.A., Mohamed, A.A., Radwan, A.S. and Waz, S., **2022**. Mechanistic Insights into the Ameliorative Effect of Cichoriin on Diabetic Rats—Assisted with an In Silico Approach. *Molecules*, 27(21), p.7192.
5. Khalil, H.E., **Abdelwahab, M.F.**, Emeka, P.M., Badger-Emeka, L.I., Ahmed, A.S.F., Anter, A.F., Abdel Hafez, S.M.N., AlYahya, K.A., Ibrahim, H.I.M., Thirugnanasambantham, K. and Matsunami, K., **2022**. Brassica oleracea L. var. botrytis Leaf Extract Alleviates Gentamicin-Induced Hepatorenal Injury in Rats—Possible Modulation of IL-1 β and NF- κ B Activity Assisted with Computational Approach. *Life*, 12(9), p.1370.
6. Khalil, H.E., **Abdelwahab, M.F.**, Emeka, P.M., Badger-Emeka, L.I., Abdel Hafez, S.M.N., AlYahya, K.A., Ahmed, A.S.F., Anter, A.F., Abdel-Wahab, N.M., Matsunami, K. and Ibrahim Selim, A.H., **2022**. Chemical Composition and Valorization of Broccoli Leaf By-Products (*Brassica oleracea* L. Variety: Italica) to Ameliorate Reno-Hepatic Toxicity Induced by Gentamicin in Rats. *Applied Sciences*, 12(14), p.6903.
7. Hagag, A., **Abdelwahab, M.F.**, Abd El-kader, A.M. and Fouad, M.A., **2022**. The endophytic *Aspergillus* strains: A bountiful source of natural products. *Journal of Applied Microbiology*, 132(6), pp.4150-4169.
8. Khalil, H.E., **Abdelwahab, M.F.**, Emeka, P.M., Badger-Emeka, L.I., Thirugnanasambantham, K., Ibrahim, H.I.M., Naguib, S.M., Matsunami, K. and Abdel-Wahab, N.M., **2022**. Ameliorative Effect of *Ocimum forskolei* Benth on Diabetic, Apoptotic, and Adipogenic Biomarkers of Diabetic Rats and 3T3-L1 Fibroblasts Assisted by In Silico Approach. *Molecules*, 27(9), p.2800.
9. Zahran, E.M., Sayed, A.M., **Abdelwahab, M.F.**, Albohy, A., Abdulrazik, B.S., Ibrahim, A.M., Bringmann, G. and Abdelmohsen, U.R., **2021**. Identifying the specific-targeted marine cerebroside against SARS-CoV-2: an integrated computational approach. *RSC advances*, 11(57), pp.36042-36059.
10. Bakr, R.O., Tawfike, A., El-Gizawy, H.A., Tawfik, N., Abdelmohsen, U.R., **Abdelwahab, M.F.**, Alshareef, W.A., Fayez, S.M., El-Mancy, S.M., El-Fishawy, A.M. and Abdelkawy, M.A., **2021**. The metabolomic analysis of five *Mentha* species: cytotoxicity, anti-*Helicobacter* assessment, and the development of polymeric micelles for enhancing the anti-*Helicobacter* activity. *RSC advances*, 11(13), pp.7318-7330.
11. El-Hossary, E.M., Abdel-Halim, M., Ibrahim, E.S., Pimentel-Elardo, S.M., Nodwell, J.R., Handoussa, H., **Abdelwahab, M.F.**, Holzgrabe, U. and Abdelmohsen, U.R., **2020**. Natural products repertoire of the Red Sea. *Marine drugs*, 18(9), p.457. Induced secondary metabolites from the endophytic fungus *Aspergillus versicolor* through bacterial co-culture and OSMAC approaches - *Tetrahedron Letters* 59 (2018) 2647–2652
12. **Abdelwahab, M.F.**, Fouad, M.A., Kamel, M.S., Özkaya, F.C., Kalscheuer, R., Müller, W.E., Lin, W., Liu, Z., Ebrahim, W., Daletos, G. and Proksch, P., **2018**. Tanzawaic acid derivatives from freshwater sediment-derived fungus *Penicillium* sp. *Fitoterapia*, 128, pp.258-264.
13. **Abdelwahab, M.F.**, Kurtán, T., Mándi, A., Müller, W.E., Fouad, M.A., Kamel, M.S., Liu, Z., Ebrahim, W., Daletos, G. and Proksch, P., **2018**. Induced secondary metabolites from the endophytic fungus *Aspergillus versicolor* through bacterial co-culture and OSMAC approaches. *Tetrahedron Letters*, 59(27), pp.2647-2652.
14. **Abdelwahab, M.F.**, Abdel-Lateff, A., Fouad, M.A., Desoukey, S.Y. and Kamel, M.S., **2011**.

Phytochemical and biological study of *Petrea volubilis* L.(Verbenaceae). *Bulletin of Pharmaceutical Sciences. Assiut*, 34(1), pp.9-20.

Workshops **Attending and successfully completing the following workshops within the Faculty and leadership Development Project (FLDC) in Minia University Minia , Egypt:**

- 2021** - Preparation of tests for medical sector
- 2020** - Preparation of electronic tests
- 2016** - Exam systems and students evaluation
- 2015** - Code of ethics in scientific research
 - Scientific publication
- 2008** - Effective presentation skills
- 2007** - Quality assurance and accreditation
 - Developing thinking and research skills
 - Effective communication skills
- 2005** - Research Methodology
 - Novel approaches for effective teaching
 - Use of technology for effective teaching