



Curriculum Vitae



PERSONAL INFORMATION:

Name: Mohamed Salah Abdelmoneim Ali

Current Positions:

- Assistant lecturer of Microbiology, Faculty of Science, Assiut University
Since September 2022-until now.
- Demonstrator of Microbiology, Faculty of Science, Assiut University, since, 28-May-2017 until 27-July-2022.
- Staff member in Molecular biology institute at Assiut University, since 18-November-2016 until 27-May-2017.



RESEARCH INFORMATION:

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Scopus profile: <https://www.scopus.com/authid/detail.uri?authorId=57211202066>

Research Gate website: <https://www.researchgate.net/profile/Mohamed-Salah-208>

Google Scholar website: <https://scholar.google.com/citations?user=Mw2wq3MAAAAJ&hl=en>

ACADEMIC QUALIFICATIONS:

1. **Master of Microbiology [M. Sc. Degree in Science (Microbiology)]**, Faculty of Science, Assiut University, Egypt (28 July 2022).
Thesis title “**Therapeutic potential of fig latex against pathogenic bacteria that mediate impairment in the healing process of diabetic wounds**”
Under supervision of The late professor **Dr. Ahmed Shoreit** “Professor of Microbiology”
<http://www.aun.edu.eg/science/ahmed-abdel-fattah-mohamed-shereet>, **Dr. Gamal Badr** “professor of Immunology”.
<http://www.aun.edu.eg/science/gamal-gamal-abdelraouf-badr>
and **Dr. Helal Fouad Hetta** “Assistant Professor of Medical Microbiology and Immunology”
<https://www.aun.edu.eg/medicine/user/8043>
2. **Bachelor of Chemistry and Microbiology** with a grade of "very good" with honors (GPA: 3.69) - Faculty of science, Assiut University, Egypt (June 2016).

PUBLICATIONS:

➤ International Published Articles.

1. Gamal Badr, F. M. El-Hossary, Fakhr El-din M. Lasheen, N. Z. Negm, Mohamed Khalaf, **Mohamed Salah**, Leila H. Sayed, Mostafa A. Abdel-Maksoud, and Ahmed Elminshawy. Cold atmospheric plasma induces the curing mechanism of diabetic wounds by regulating the oxidative stress mediators iNOS and NO, the pyroptotic mediators NLRP-3, Caspase-1 and IL-1 β and the angiogenesis mediators VEGF and Ang-1. **Biomedicine & Pharmacotherapy Journal** <https://doi.org/10.1016/j.biopha.2023.115934> **IF 7.5 Q1**
2. Badr, Gamal, Fayez El-Hossary, **Mohamed Salah**, Mohamed Khalaf, Eman Abdo Sayed, and Ahmed Elminshawy. "The therapeutic potential of cold atmospheric plasma against pathogenic bacteria inhabiting diabetic wounds." **Bulletin of Pharmaceutical Sciences. Assiut. (2023)** https://bpsa.journals.ekb.eg/article_309433.html. **IF 0.087 Q4**
3. Rasmey, Abdel-Hamied M., Mohamed Hemida Abd-Alla, Mostafa A. Tawfik, Shymaa R. Bashandy, **Mohamed Salah**, Ronghou Liu, Chen Sun, and Elhagag A. Hassan. "Synergistic strategy for the enhancement of biohydrogen production from molasses through coculture of Lactobacillus brevis and Clostridium saccharobutylicum." **International Journal of Hydrogen Energy** (2023). <https://doi.org/10.1016/j.ijhydene.2023.03.323>. **IF 7.139 Q2**
4. **Salah, M.**, Badr, G., Hetta, H.F. et al. Fig latex inhibits the growth of pathogenic bacteria invading human diabetic wounds and accelerates wound closure in diabetic mice. **Sci Rep** 12, 21852 (2022). <https://doi.org/10.1038/s41598-022-26338-0>. **IF 4.997 Q1**

➤ Local Published Articles.

1. **Salah M.**, Badr G, Hetta H, Khalifa WA, Shoreit AA. Isolation and identification of pathogenic biofilm-forming bacteria invading diabetic wounds. **Assiut University Journal of Multidisciplinary Scientific Research**. 2022 May 1;51(2):163-78. https://aunj.journals.ekb.eg/article_234646.html.

TRAINING COURSES:

- How to create a professional MCQ held in the Faculty of Science at Assiut University on March 20, 2022

- STESSA TAs Training for STEM Teaching Training from March 13 to 15, 2022
- Laboratory Teaching Skills, held in Holyday Inn Hotel, El-Maadii, Egypt, from December 19–20, 2021

SCIENTIFIC ASSIGNMENTS AND PRACTICAL TRAINING AND ATTENDANCE AT CONFERENCES AND WORKSHOPS:

1. **35-hour "IELTS preparation Camp"** provided by Dr. Muhammad Khalil Moussa from May 17 to July 20, 2023
2. **The 7th Conference for Young Scientists in Basic and Applied Sciences** will be held from May 10–11, 2022, at Assiut University (Organising Committee).
3. **12th Egyptian Society of Diabetic Foot (ESDF) annual conference** from October 22nd–23rd, 2020 (Oral presentation).
4. **Enhance your research with Elsevier: Selecting a Journal for Publishing and an Open Access Model** on November 5, 2020
5. **Enhance your research with Elsevier: Discover Research Metrics on Scopus and Updated CiteScore and Quartiles** on November 26, 2020.
6. **Good Lab Practise (GLP) Requirements** from October 13th–14th, 2020
7. **How to Write a Scientific Paper** from September 29 to November 1, 2020
8. **Enhance your research with Elsevier: How Mendeley Can Enhance Your Research On October 25, 2020.**
9. **Enhance your research with Elsevier: Funding Institutional Onboarding** on December 3, 2020.
10. **ISO 17025 Technical and Managerial Requirements for Microbiology Labs** from December 6–7, 2020
11. **What do clinicians know about statistics? How to incorporate statistics into your research** on Saturday, December 19th, 2020
12. **Professional Writing of Grant Proposals: "Tricks and Tips"** on December 17, 2020
13. **Enhance your research with Elsevier. Discover the solutions** on October 11, 2020.
14. **Enhance your research with Elsevier: Author Workshop: How to Publish an eBook** on December 22, 2020
15. **How to select the Write Journal to Submit your Manuscript** from September 10th to September 16th, 2020
16. **Enhance your research with Elsevier: Supporting Clinicians in a World of Dynamic Medical Knowledge** on December 13, 2020.
17. **Role of the Central Laboratories Network and Centres of Excellence at the National Research Centre to Provide Emerging Technologies to the Scientific Society** from December 20 to 22, 2020
18. **Manage your cited references at a glance using EndNote Online**, National Research Centre, Cairo, Egypt, Monday, February 1, 2021.
19. **Enhance your research with Elsevier: Before hitting submit: Practical Tips for Authors**, National Research Centre, Cairo, Egypt, Sunday, January 24, 2021.
20. **Enhance your research with Elsevier: How to Improve R&D Productivity with Reaxys?**, National Research Centre, Cairo, Egypt, Monday, January 18, 2021.
21. **Logical scientific manuscript structure**, Helwan University, Saturday, January 9th, 2021
22. **Professional peer-review**, National Research Centre, Cairo, Egypt, Thursday, February 4, 2021.

23. **Nature Research Academies workshop "Publishing and Research Data,"** February 7, 2021
24. **Nature Research Academies workshop "Clinical Research Methodology,"** February 9, 2021
25. **COVID-19: Causes, Symptoms, Prevention, and Treatment,** SCU 8th Young Researchers Conference: Future Shaping... What is after the pandemic? 7 February 2021
26. **Nature Research Academies workshop, "Effective Post-Submission Strategies,"** February 2021
27. **Nature Research Academies workshop "Effective Academic Writing,"** February 2021
28. **Nature Research Academies workshop "Logical manuscript structure"** February 2021
29. **EKB Springer Nature Experiments: How to Find the Protocols and Methods You Need for Your Research,** February 17, 2021
30. **Avoiding Plagiarism and Proper Citation using Mendeley** at the Egyptian Knowledge Bank on Monday, February 15, 2021.
31. **International Scientific Publishing For Visual Arts Research** Helwan University, Saturday, March 13, 2021
32. **Nature Research Academies workshop "Journal Editor 1,"** March 2021
33. **Nature Research Academies workshop "Journal Editor 2,"** March 2021
34. **Nano-how to accelerate your research with a Nature Research Solution (in collaboration with the EKB)** Mar 30, 2021
35. **Scientific Manuscript Formatting Using MS Word** Saturday, March 27th, 2021
36. **Nature Research Academies workshop, "Communicating Science to the Public,"** February 2021
37. **Manage your citations easily using EndNote at Helwan University.** Saturday, February, 19th, 2022.
38. **How to get started in the Bioinformatics Workshop,** Scientist Square, Saturday, February 18, 2022
39. **Training programme for "Effective presentation" (15 Hours),** Faculty and Leadership Development Centre (FLDC), from September 10–11, 2017.
40. **Training programme on "How to Design the E-Course" (15 Hours),** Faculty and Leadership Development Centre (FLDC), from September 12–13, 2017.
41. **Training programme on "Technicalities of Design and Conducting Scientific Research" (15 Hours),** Faculty and Leadership Development Centre (FLDC), from January 8–9, 2019.
42. **Training programme in "Communication skills" (15 Hours),** Faculty and Leadership Development Centre (FLDC), from October 10–12, 2021.
43. **Training programme for "Publication of Research in International Journals" (15 Hours),** Faculty and Leadership Development Centre (FLDC), from October 10–12, 2021.

FUNDED SCIENTIFIC RESEARCH PROJECTS:

1. **Member** in STDF project "Study of the mechanism and technologies of improving biogas technology in situ during cogeneration of hydrogen and biogas from anaerobic fermentation of chicken manure, crop residues and food waste" **Project No. 43125** From 26-August-2021 to 26-August-2023.

2. **Member** in STDF project "Molecular mechanism underlying non-heat plasma to improve wound healing in diabetic mouse models" **Project No. 37102** From 26-August-2021 to 26-August-2023.

COMPUTER SKILLS:

I have an excellent experience and computer skills in Microsoft Office, EndNote, Adobe Photoshop 2021, Cricket Graph, Claris Draw, NIH Image, MEGA 11, iTOL, Image J, Sigma plot and Prism version version 5.

HOBBIES:

- Playing sports (football, tennis, cycling, and swimming).
- Playing chess and solving puzzle games.
- Reading books and articles and writing poems.
- Drawing, sketching and painting.
- Cooking and baking.
- Travelling.

LANGUAGES:

Arabic (Mother language), **English** (Upper intermediate B2).

IELTS Academic overall score band 7.0 (Listening: **8.0**, Reading **8.0**, Writing **6.5**, and Speaking **7.0**).

REFERENCES:

1. Dr. Mohamed Hemida Abd-Alla, Professor of Bacteriology

Botany and Microbiology Department-Faculty of Science-Assiut University-Assiut, Egypt.

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<http://www.aun.edu.eg/science/mohamed-hemida-abd-alla>.

2. Dr. Gamal Badr, Professor of Immunology

Zoology department-Faculty of Science-Assiut University-Assiut, Egypt.

Vice president for Graduate Studies and Research, Assiut University-Assiut, Egypt.

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3. Dr. Elhagag Ahmed Hassan, Associate professor of Microbiology

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