

Salah Abdelbary Abdelhameed

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Education Background

At Al-Azhar University, Faculty of Science:

- PhD degree in Biotechnology. (November 2018)
- Master of Science in Applied Microbiology (May 2015)
- Bachelor of Science in Microbiology (Very good with Honor degree) (May 2009)

Work Experience

- Associate Professor of Biotechnology at Faculty of Science, Al-Azhar University from 3/2019 till Now.
- Assistant Lecturer of Microbiology at Faculty of Science, Al-Azhar University from 11/2015 to 2/2019.
- Demonstrator of Microbiology at Faculty of Science, Al-Azhar University from 2/2012 to 10/2015.
- Researcher Assistant at Agricultural Microbiology Dep. Soils and Water Institute, Agriculture Research Center (ARC) from 11/2009 to 1/2012.

Academic Courses Teaching Experience

- Basic Biochemistry
- Clinical Biochemistry
- Biotechnology
- Microbial Biotechnology
- Medical Microbiology
- Applied Microbiology
- General Mycology
- General Bacteriology
- Microbial physiology
- Yeasts and their Biotechnology
- Control of Microbial Growth
- Fungal and Bacterial Plant diseases
- Microbial Pollution
- Microbial Ecology
- Bacterial Taxonomy
- General courses at (Microbiology)

Research Experience and Interests

- Nano-Biotechnology
- Medical Microbiology
- Bioinformatics and data analysis
- Heavy metals bioremediation
- Microbial Recycling
- Composting
- Microbial biodiversity
- Production of antimicrobial agents
- Isolation, Purification and Identification of bacteria and Fungi

Published Research Manuscripts

1. Mamdouh S. Elgamal, Ayman Farrag Ahmed and Salah Abdelbary (2018): Evaluation of nickel tolerance by identified *Pseudomonas aeruginosa* isolated from Egyptian polluted soils. BIOSCIENCE RESEARCH, 15(1): 518-529.
2. Mamdouh S. Elgamal, Ayman Farrag Ahmed and Salah Abdelbary (2017): NEW REPORT IN CADMIUM TOLERANCE BY CERTAIN FUNGI ISOLATED FROM EGYPTIAN POLLUTED SOILS. *Egypt. J. Biotechnol. Vol. 55* (78-93).
3. Mamdouh S. Elgamal, Ayman Farrag Ahmed, Mohammed M. Afifi and Salah Abdelbary (2015): Studies on Microbiological and Physicochemical changes during wastes composting. *Egypt. J. Biotechnol. Vol. 49* (1-17).

Published Scientific Book and book chapters

1. Salah Abdelbary, Mamdouh S. Elgamal and Ayman Farrag (2019). Trends in Heavy Metals Tolerance and Uptake by *Pseudomonas aeruginosa*. Chapter in a book (*Pseudomonas Aeruginosa - An Armory Within*. DOI: 10.5772/intechopen.85875. <https://www.intechopen.com/online-first/trends-in-heavy-metals-tolerance-and-uptake-by-em-pseudomonas-aeruginosa-em->

Membership

- Member of American society of Microbiology
- Member of Egyptian society of Applied Microbiology
- Member of Egyptian society of Clinical Biochemistry
- Member of Arab society of Fungal Biodiversity

International ID

- Orcid ID: 0000-0002-2588-870X
- Researcher ID: C-1348-2018
- Scopus Author ID: 57202360592

Conferences attended and Activities

- Participate as organizer in Bioreactor and its applications by FERM-BAM at 21 – 22 March 2018.
- Participate in 1st International Conference on Applied Microbiology “Biotechnology and its applications” organized by Soils, Water and Environment Research institute, Agriculture Research Center, Giza, Egypt at March 1-3, 2016.
- Participate in 1st International Conference of Advanced Molecular biology and Tissue culture that held in Botany and Microbiology Department, Al-Azhar University Faculty of Science Cairo, Egypt at September 22-25, 2014.
- Participate in 1st International Conference of Bio-processing and Application of Microbial Biotechnology in Agriculture by National Research Center Giza, Egypt at November 1-3, 2010.
- Participate in 13th Conference of Microbiology by Egyptian Society of Applied Microbiology (ESAM) that held in AGERI, ARC Giza Egypt at March 14-16, 2010.
- Participate in scientific week from the first to seventh at year 2008, 2009, 2010, 2013, 2014, 2015 and 2016 organized by faculty of science Al-Azhar University.
- Participate in Awareness of the environmental program by Science Center for Detection & Remediation of Environmental Hazards [SCDREH] at March 2009.

Training Courses and Workshops

- Participate in innovation and entrepreneurship programs designed by Technology Innovation and Entrepreneurship Center (TIEC) at September 2019.
- Participate in Professional Communication Skills for Leaders (PCSL) programs at English Language Resource Center supported by United States Embassy and Al-Azhar University at (July and August 2019)
- Acquired Training course in Data design and statistical analysis organized by Tahrir Lounge – GOETHE INSTITUT at September 1-3 2015.
- Acquired Training course in Introduction in Nanotechnology organized by The Egyptian for Industrial Development and EGSCIRA at August 2015.
- Attended and met the standard required for Training course in International Publishing of Scientific Research by Faculty and Leadership Development Center – Cairo University at February 2015.
- Acquired Training course in Elemental analysis by Al-Azhar University Faculty of Science from 10/2011 to 5/2013.
- Acquired Training in Cell biology by National Research Center at 2009.
- Acquired Training in Quality control, Water treatment and Chemical labs. By Coca-Cola Company at the period from 8/2008 to 9/2008.
- Acquired Training course in Drinking water and Sanitation Treatment Company in the period from 1/9/2007 to 15/9/2007.

- Acquired Training course in the First aid by Al-Helal Al-Ahmar family in Faculty of Medicine at the period from 1/2009 to 3/2009.
- Enhanced my Interpersonal Skills.
- Enhanced my communication and presentation skills.

Qualifications and Skills

Personal Skills:

- Ability to work under Stress.
- Ability to learn new tasks quickly.
- Can work individually and as an effective team member.
- Very good in communication and presentation Skills.

Computer Skills:

- Very good knowledge of IT, All Windows and OFFICE [Word, Excel, Access, PowerPoint].
- Very good knowledge of Internet and Outlook.
- Acquired International Computer Driving License [ICDL]

Language Skills:

- Native Language is Arabic.
- Very good Command of both written and spoken English.
- Conversation English Course at English Language Resource Center supported by United States Embassy and Al-Azhar University.
- Local TOEFL at Language and Translation Center, Cairo University.
- Study General English at the American University in Cairo for two years.

Interests

Reading, Surf the Internet, Listen to Music and Traveling

Personal Information

Date of birth: 24th January 1987

Marital Status: Married

Military Status: Final Exempt

Nationality: Egyptian

(References Furnished Upon Request)