

Suzan Mohammed Ragheb

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Education

Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt

(Oct 2015- Jan 2021)

PhD degree in Microbiology and Immunology

Title of Thesis: {Molecular studies on OXA-48 carbapenemase-producing *Klebsiella pneumoniae* isolated from Egyptian patients}.

Faculty of Pharmacy, Cairo University, Cairo, Egypt.

(Sept 2008- Aug 2012)

Master's degree in Microbiology and Immunology).

Title of Thesis: {Molecular Characterizations of Some Indicator Bacteria in Pharmaceuticals}.

Grade: Very Good.

The College of Pharmaceutical Sciences and Industrial Pharmacy, Misr University for Science and Technology (MUST), Giza, Egypt.

(2005)

Bachelor's degree in Pharmaceutical Sciences

Grade: Very Good/ Honors, CGPA (3.43).

Work Experience

1- Merit University in Egypt, Egypt.

(Sept 2024- now)

Job Description:

- Lecturer of Microbiology and Immunology at Faculty of Pharmacy.

2- Modern University for Technology and Information (MTI), Egypt. (Nov 2015- Sept 2019)

Job Description:

- Assistant Lecturer of Microbiology and Immunology at Faculty of Pharmacy.

3- The Nile Company for Pharmaceuticals and Chemical Industries, Egypt. (Sept 2006 - Oct 2015)

Job Description:

- I.P.C Pharmacist (In Process Control) (2006 -2013) in the ampoule and sterile antibiotics departments. Additional tasks were performed by following up the manufacturing steps at tablets, syrups and topical products departments.
- Quality Assurance Pharmacist (2013- 2015).

Publications

- Ragheb, S. M.**, & Osei Sekyere, J. (2024). Molecular characterization of hypermucoviscous carbapenemase-encoding *Klebsiella pneumoniae* isolates from an Egyptian hospital. *Annals of the New York Academy of Sciences*, 1535(1), 109-120. doi.org/10.1111/nyas.15126
- Ragheb, S. M.**, Govinden, U., & Osei Sekyere, J. (2022). Genetic support of carbapenemases: a One Health systematic review and meta-analysis of current trends in Africa. *Annals of the New York Academy of Sciences*, 1509(1), 50-73. doi.org/10.1111/nyas.14703
- Ragheb, S. M.**, Tawfick, M. M., El-Kholy, A. A., & Abdulall, A. K. (2020). Phenotypic and Genotypic Features of *Klebsiella pneumoniae* Harboring Carbapenemases in Egypt: OXA-48-Like Carbapenemases as an Investigated Model. *Antibiotics*, 9 (12), 852. doi.org/10.3390/antibiotics9120852
- Alzohairy A.M; Gyulai G; Ohm H; Szabó Z; **Ragheb, S.M**; Ajmal Ali M; Elsaywy H; Bahieldin A (2015). Nuclear and Organelle Specific PCR Markers. *Plant DNA Barcoding and Phylogenetics*,: pp. 53-78; Lambert Academic Publ. Germany. [ISBN: 13: 978-3-659-28095-5.](https://www.lambert-online.de/978-3-659-28095-5/)
- Ragheb, S.M** and Jimenez L (2014) Polymerase Chain Reaction/Rapid Methods Are Gaining a Foothold in Developing Countries. *PDA Journal of Pharmaceutical Science and Technology*. 68(3):239-255. doi.org/10.5731/pdajpst.2014.00979
- Miller, M.J and **Ragheb, S.M** (2013) Towards the Real Application of Rapid Microbiological Methods in Developing Countries. *European Pharmaceutical Review*.18 (5):13-16.
- Ragheb, S.M.**; Yassin, A.S.; Amin, M.A. (2012) The Application of Uniplex, Duplex, and Multiplex PCR for the Absence of Specified Microorganism Testing of Pharmaceutical Excipients and Drug Products. *PDA Journal of Pharmaceutical Science and Technology*. 66(4): 307-317. doi.org/10.5731/pdajpst.2012.00871.

Presentations

- **Oral Presentation** at the First International Online Conference of Pharmaceutical and Medical Sciences, Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt, (1/9/2020). Title of the oral presentation: (Phenotypic and Genotypic Features of *Klebsiella pneumoniae* Harboring OXA-48-like carbapenemases In Egypt).
- **Poster presentation** at the 3rd Future University International Conference on Pharmaceutical Technology, Cairo, Egypt, (9-11/2/2015). Title of the poster: (Polymerase Chain Reaction / Rapid Methods Are Gaining a Foothold in Developing Countries).
- **Poster presentations** at the 1st Future University International Conference on Pharmaceutical Technology, Cairo, Egypt, (6-9/2/2012) and the 3rd International Scientific Conference of Faculty of Pharmacy, Cairo University (Good Pharmacy Practice), (25-26/4/2012). Title of the poster: (Microbiological assessment of indicator bacteria in non-sterile pharmaceuticals).

Workshops and Traineeship programs

- Medical Waste Management: Towards a Sustainable Approach Arab-German Young Academy of Sciences and Humanities (AGYA), Cairo, Egypt, (5-6/2/2024).
- Scientific writing, Middle East Research Ethics Training Initiatives (MERETI), Cairo, Egypt, (20-23/10/2022).
- DIES PMT- MENA Region "Writing Successful Grant Proposal Workshop", (June-October, 2021).

- The impending threat of antimicrobial resistance (AMR) spread through municipal wastewater workshop under patronage of Alexandria University, American University in Cairo, and Temple University, (3/3/2021).
- Research Processes: Overview and Principal Module, DAAD Kairo Akademie, (9/2/2020).
- Young Scientists Training Program (Research Ethics Essentials: Conduct your Research responsibly). The Center for Special Studies and Programs (CSSP) and The World Academy of Sciences for the Advancement of Science in Developing Countries Arab Regional Partner (TWAS/AREP), Bibliotheca Alexandrina, (18-20/12/2018).
- Impact of environmental and host-induced stress on detection and pathogenesis of bacterial pathogens Lecture, National Research Center, Cairo, Egypt, (12/11/2018).
- Investigation of Outbreaks of infection: from Epidemiology to PCR & Sequencing Workshop, Kasr Al-Ainy Medical School, Cairo, Egypt, (5-6/5/2018).
- Designing the Effective Exam Module, DAAD Kairo Akademie, (20/3/2018).
- Ethics in Science Module, DAAD Kairo Akademie, (14/2/2018).
- Research Methodology Workshop - Nature Research Academies, Kasr Al-Ainy Medical School, Egypt, (13/9/2017).
- Scientific Collaboration Module, DAAD Kairo Akademie, (13/7/2016).
- Good practices for Pharmaceutical Microbiology Laboratories), Training Sector, HOLDIPHARMA, Cairo, (11-12 /10/2015).
- International Symposium of Clinical Microbiology, (New Advances in Carbapenemases Detection from Molecular to MALDI-TOF), BioMérieux, Egypt, (3-4/12/2014).
- Antibiotics Stewardship Program, Central Infection Control Unit and Intensive Care Units – Ain Shams University Hospitals, Cairo, (10/11/2014).
- Condensed summer course for postgraduate students, (Techniques in Molecular Biology), Faculty of Pharmacy, Cairo University, (2-4, 7/8/2010).
- Documentation, Training Sector HOLDIPHARMA, Cairo, (8:9/6/2009).
- Training for pharmacists at The Nile Company for Pharmaceuticals and Chemical Industries, Cairo, (20/8: 5/9/2005).

Computer Skills:

- Successfully passed all modules required for the International Computer Driving License (ICDL).

Language:

- Arabic: Mother tongue.
- English: Fluent speaking and writing.
- Academic Writing Course- British Council, 2014.
- Conversation Course - British Council, 2015.

Memberships

- American Society for Microbiology since 2016.
- Member of the Egyptian Pharmacists Syndicate since 2005.

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