


 <p>كلية الطب البيطري جامعة القاهرة</p>	<div style="border: 1px solid black; padding: 10px; display: inline-block;"> <h2 style="margin: 0;">وحدة ضمان الجودة</h2> </div>	 <p>جامعة القاهرة</p>
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Curriculum Vitae	
personal Information	
Name	Sabah Ali Mohammed Atrees
Title	Assistant lecturer at Microbiology and Immunology department
Date of birth	20/7/1994
Place of birth	Dokki, Giza, Egypt
Citizenship	Egyptian
	
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Web site (s)	-----
Current Address	136 Ebny betak, 6-October, Giza, Egypt
Educational Qualifications	
M.Sc. (Microbiology & Immunology), Faculty of veterinary medicine, Cairo University, Cairo, Egypt. August 2017 – March 2021	
B.Sc. (Veterinary science), Faculty of Veterinary medicine, Cairo University, Cairo, Egypt. July 2016	
Academic Positions	
Assistant lecturer/ Microbiology & Immunology department, Faculty of veterinary medicine, Cairo University/ from May 2021- present	
Demonstrator (teaching assistant)/ Microbiology & Immunology department, Faculty of veterinary medicine, Cairo University/ from July 2017- April 2021	

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<p><i>Thesis Title</i></p>
<p>Metagenome Based Analysis of Aflatoxin Degrading Bacteria isolated from poultry farms</p>
<p><i>Areas of experience</i></p>
<p>Veterinary science, Microbiology, Bioinformatics, Molecular biology, Environmental microbiome, poultry microbiome, High throughput data analysis, Biotechnology, Microbiome, Aflatoxicosis, Bioremediation, Immunology.</p>
<p><i>Awards</i></p>
<p><i>Professional Qualifications</i></p>
<p>Microbiological techniques: cultivation and isolation from different samples (milk, poultry feed, sputum, feces...etc.), MIC assay, Antibiotic susceptibility assay, Vitek, Bacterial count and other microbiology SOP'S and methods.</p> <p>Basic molecular techniques: DNA extraction, Gel electrophoresis, PCR.</p> <p>Biodegradation assay (aflatoxin-coumarin).</p> <p>HPLC analysis and Spectrophotometer.</p> <p>Metagenomics: Metagenomic-DNA extraction and purification, Microbiome analysis using Mothur and QIIME (version 1 &2) pipelines.</p> <p>Bioinformatics: Local and Multiple Sequence Alignments, Primer Design, Tree Design, docking using variety of online tools (Discovery and PyMol) and databases (NCBI, CLUSTAL W, MEGA, Autodock).</p> <p>Research writing skills.</p> <p>Biostatistics: using Graph Pad Prism.</p>
<p><i>Publications</i></p>



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1. Ali, S., Hassan, M., Essam, T., Ibrahim, M., Mohamed, K. (2020). 'Coumarin degrading microorganisms isolated from Egyptian soil', *Veterinary Medical Journal (Giza)*, 66(1), pp. 89-97. doi: 10.21608/vmjg.2020.157906
2. Ali, S., Hassan, M., Essam, T., Ibrahim, M.A. and Al-Amry, K., 2021. Biodegradation of aflatoxin by bacterial species isolated from poultry farms. *Toxicon*, 195, pp.7-16.
3. An Insilco insight: Bioinformatic and metagenomic based analysis of aflatoxin degrading bacteria isolated from poultry farms.(under publication)

Conferences and Lectures

Attendance of “The 2nd Egyptian international conference on microbiota and microbiome in health and disease”. Cairo, Egypt. (November 2020).

Attendance and active participation in “ Isothermal Amplification and Nanopore Sequencing as Rapid Methods for Outbreak Identification and Disease Control Lecture”- Faculty of Veterinary Medicine – Cairo University – 29th of July 2019.

Attendance of “The Falling Walls Lab Egypt Conference” in coordination with DAAD on 18 July 2019 at the Bayt Al Sinnari, Egypt.

Active participation and organization of the scientific conference of Microbiology -“Introduction to Bioinformatics”- Faculty of Veterinary Medicine – Cairo University - April 2019.

Mentorship

Training courses

1. Enrollment in Bioinformatics for biologists: Get familiar with Linux and its command line online course, future learn <https://www.futurelearn.com/courses/> from Oct till present, 2021.
2. Essentials of Integrated Education training course at Faculty and Leadership Development Center (FLDC), Cairo University, Egypt, 1st Dec 2020.
3. Critical Thinking training course at Faculty and Leadership Development Center (FLDC), Cairo University, Egypt, 1st Dec 2020.
4. Basics of Bioinformatics Workshop at Bioscience for Research and Training, Cairo, Egypt, 18-20th Aug 2019.
5. Effective Teaching Skills training course at Faculty and Leadership Development Center (FLDC), Cairo University, Egypt, 26th Feb 2019.
6. Primer design and Bioinformatics workshop at Modern science Academy (MSA), Cairo, Egypt, 2019.



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7. Metagenomics Workshop Center for Genome and Microbiome Research, Faculty of Pharmacy – Cairo University 2018.
8. Exams and Students Evaluation Systems training course at Faculty and Leadership Development Center (FLDC), Cairo University, Egypt, 27th Sep 2018.
9. Bioinformatics Workshop at Biotechnology Center Research and Services, Faculty of Veterinary Medicine – Cairo University 2018.
10. Research Processes: Overview and Principles workshop within DAAD kairo Akademie at the premises of DAAD Cairo Office, Cairo, Egypt, on 14th Oct 2018.
11. Use of Technology in Teaching training course at Faculty and Leadership Development Center (FLDC), Cairo University, Egypt, 7th Aug 2018.
12. Fundamentals of Management and Leadership workshop at Center for Demographic Applications and Human Resource Development, Institute of Statistical Studies and Research, Cairo, Egypt, on 19th March 2018.
13. International publishing of Scientific Research training course at Faculty and Leadership Development Center (FLDC), Cairo, Egypt, 19th Sep 2017.

Computer skills

Microsoft word, PowerPoint and Excel

Language skills

Arabic native excellent

English excellent

Teaching activities

Participated in teaching the following **practical** courses:

Course	Stage / Program / University
General Microbiology and Mycology	Students Undergraduate / Faculty of Veterinary Medicine - Cairo
Basic Immunology	Students Undergraduate / Faculty of Veterinary Medicine - Cairo
Microbiology and Immunology	Students Post grade and Diploma/ Faculty of Veterinary Medicine - Cairo
Molecular Biology	Students Undergraduate / Faculty of Veterinary Medicine - Cairo
Pharmaceutical microbiology	Students Undergraduate –Special program/ Faculty of Veterinary Medicine - Cairo



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