
SAHAR ABD EL-RAZIK MOSSALLAM

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My page on Ain Shams University: <https://staff.asu.edu.eg/en/staffProfile/5964>

PROFESSIONAL SUMMARY

I have a wealth of teaching experience for 20 + years. I'm a professor of Molecular Cytogenetics. I have many researches and a successful book. I am bilingual, I speak Arabic as a native language and an advanced English speaker. I am passionate to bioinformatics, so I am Python Language learner. My strengths are I am an approachable and friendly teacher as well as able to passionate and inspire my students about learning. I have strong ability to remain patient and I am highly effective communicator as well as high resilient. Significant ability to work in groups.

Work History

Zoology Department, Women's College for Arts, Science and Education, Ain Shams University, Cairo, Egypt.

- *Since my graduation in 1992, I have worked as a demonstrator from 20 January 1993 to 25 September 2000.*
- *Assistant lecturer from 26 September 2000 to 26 September 2004.*
- *Lecturer from 27 September 2004 to 1 November 2011.*
- *Assistant professor of Molecular Cytogenetics, at the Department of Zoology, from 2 November 2011 to May 2023.*
- *Professor of Molecular Cytogenetics, at the Department of Zoology, from May 2023 until now.*

Department of Biology, Duba University College, Tabuk University, Saudi Arabia.

- *I was loaned as assistant professor for 10 years from 2011 to 2021.*
- *Head of Biology Department at Duba University College, Tabuk University from 2013 to 2017.*
- *Within that period, I was the head of funded project titled "Antibacterial activity of plant extract from Saudi Arabia against pathogenic from February 2014 to February 2016.*

SKILLS

Administration
Academic program development Exam
Invigilating

Accessible teaching
Virtual classroom management
Lecture/seminar planning

EDUCATION

PH.D. in cytogenetics from 26 September 2000 to 27 September 2004, Faculty of girls for Science, Arts and Education, Ain Shams University, Cairo, Egypt.

M.Sc. in cytogenetics from October 1993 to 25 September 2000, Faculty of girls for Science, Arts, Ain Shams University, Cairo, Egypt.

B.Sc. in Zoology from September 1988 to May 1992, Faculty of girls for Science, Arts, Ain Shams University, Cairo, Egypt.

Demonstrator and assistant lecturer responsibilities:

1. Work on thesis (M.SC then PhD) via experiments on animal models.
2. Demonstrate the use of practical equipment and to carry out experiments, exercises, and workshops.
3. Assist and guide students who are performing practical exercises, etc., as needed.
4. In charge of the laboratory's day-to-day operations.
5. Provide feedback to the course supervisor on student performance and any issues that arise during the experiments.
6. Assist in marking student tests assigned by the course supervisor.
7. Ensure that all equipment is operational and that all materials for experiments, exercises, and so on are ready before the event.

Associate Professor responsibilities:

- 1- Giving lectures, grading, students evaluating and identifying and overcoming academic problems.
- 2- Participation in the final exams and the invigilation processes.
- 3- Curricular development and course delivery.
- 4- Research, fieldwork, and investigations, as well as report writing.
- 5- Attending conferences, delivering presentations, and networking with others in the field.
- 6- Attending committee, department, and faculty meetings.
- 7- contribute to the curricula syllabus and contents.
- 8- Review the methods and teaching materials, and suggestions for improvement when required.
- 9- Helping with the academic advising process.
- 10- Contributing to the development of the educational environment.

MANAGEMENT EXPERIENCE

1. Supervisor of the Biology Department from the academic year, 2016/1017.
2. Supervisor of the Department of Physics and Chemistry from the academic year 2016/1017.
3. Supervisor of the Department of Languages and Translation for the first semester of the academic year, 2014/2015.
4. Supervisor of the Department of Medical Laboratory Technology for the first semester of the academic year, /2016.
5. Supervisor of the Scientific Research Unit, female section, for the academic year, 2016 /2017.
6. Supervisor of the Accounting Department for the first semester of the academic year, 2017/2018.
7. Supervisor of the Scientific Research Unit for the first semester of the academic year, 2018/2019.

Head of Biology Department, Tabuk University, responsibilities:

1. Giving lectures, grading, students evaluating and identifying and overcoming academic problems.
2. Participation in the final exams and the invigilation processes.
3. Curricular development and course delivery.
4. Research, fieldwork, and investigations, as well as report writing.
5. Attending conferences, delivering presentations, and networking with others in the field.
6. Attending committee, department, and faculty meetings.
7. Contribute to the curricula syllabus and contents.
8. Review the methods and teaching materials, and suggestions for improvement when required.
9. Helping with the academic advising process.
10. Contributing to the development of the educational environment

Key Milestone

I- Published Book

Smoking as Genotoxins Questioning.

Lambert Academic Publishing, Germany, with ISBN 9783659155987

II- Pieces of Research

- 1- **Aisha Nawaf Al balawi, Jayda G. Eldiasty, Sahar Abd-El Razik Mosallam, Alaa R. El-Alosey and Alaa Elmetwalli (2024):** Assessing multi-target antiviral and antioxidant activities of natural compounds against SARS-CoV-2: an integrated in vitro and in silico study. *Bioresources and Bioprocessing*, 11(1), 108. <https://doi.org/10.1186/s40643-024-00822-z>
- 2- **Alaa Elmetwalli , Aisha Nawaf Al balawi , Alaa R. El-Alosey, Jayda G. Eldiasty, Ismail V. E. Abushalfeht, Angod Ahmed Almasaude, Sahar Abd-El Razik Mosallam (2023):** Perceptions of medicinal herbal products during the covid -19 pandemic period among Saudi patients: A cross-sectional study. *Naunyn-Schmiedeberg's Arch Pharmacol* (2023). <https://doi.org/10.1007/s00210-023-02610-6>
- 3- **Ashraf A. El-Shehawy, Alaa Elmetwalli, Ali H. El-Far, Sahar Abd El-Razik Mosallam, Afrah Fatthi Salama, Ahmed O. Babalghith, Mohammad A. Mahmoud, Hany Mohany, Mohamed Gaber and Tarek El Sewedy (2023):** Thymoquinone, piperine, and sorafenib combinations attenuate liver and breast cancers progression: epigenetic and molecular docking approaches. *BMC Complementary Medicine and Therapies*, 23(1), 1-21. <https://doi.org/10.1186/s12906-023-03872-6>
- 4- **Mosallam S. A. (2022):** Micronucleus and Comet Assay as An Index for Carbon Tetrachloride Genotoxicity in Rats . *Egypt. Acad. J. Biolog. Sci.*, 14(1):325-336
- 5- **Attia Ahmed Attia , Afrah Fatthi Salama , JaydaG. Eldiasty , Sahar Abd El-Razik Mosallam , SabryAli El-Naggar , MohammedAbu El-Magd , Hebatalla M. Nasser & Alaa Elmetwalli (2022):** Amygdalin potentiates the anti-cancer effect of Sorafenib on Ehrlich ascites carcinoma and ameliorates the associated liver damage. *Sci Rep* 12, 6494:1-9.
- 6- **Mosallam S. A. (2021):** Genotoxic effect of methyl tert butyl ether on micronucleated cells and Comet assay in rats . *Wulfenia Journal* 28(2):
- 7- **Mosallam S. A. (2020):** Efficacy of Ascorbic Acid against Toxicity Initiated by Mono-Sodium Glutamate on Albino Mice. *IOSR Journal Of Pharmacy And Biological Sciences (IOSR-JPBS)*. 15, (1); 01-08
- 8- **Karima M. Sweify, Ibrahim A. Ibrahim and Mosallam S. A. and Afaf H . Kamel (2020):** Radioprotective role of interferon and fenugreek on gamma radiation induced DNA instability. *African J. Biol. Sci.* 16(1):21-32
- 9- **Darwish I. A. and Mosallam S. A. (2019)** Chromosome aberrations in bone marrow cells of rats treated with MTBE. *Pakistan Journal of Pharmacological Science*, 32(1):89-93

Google Scholar:

https://scholar.google.com/citations?hl=ar&view_op=list_works&gmla=AGd7smG5jb4y_01ISgvh1GwbiN_nXPVo8E8jUwQbX3vJn2l8pHWCIIuU-42h2wiRtqobs07psqQgUzGRfdc8BJ-2loT_OpY13BW2Klctkj_lu7-ZKkC3RZGxqVjO5FqOqG6CCICRwQJgOJQDiPppiBIR&user=jJbVrVUAAAAJ