

Rahma Fawzi Abd El-raoof Mahmoud

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Education

Master's degree in animal physiology

Octobre 2019 - September 2023

Zoology and Entomology Department, Faculty of science, Assiut University, Egypt.

- **Title of thesis:**

Metabolic and Morphological Studies on the Impact of Tartrazine-induced Oxidative Damage on some Organs of Rats: Attenuating Role of Gallic Acid

- **Courses:**

- Lab and Research Project in Physiology
- Comparative Animal Physiology
- Selected Topics in Physiology
- Physiological Biochemistry
- Pathology
- Biostatistics
- Cell Physiology
- Comparative Reproduction

Bachelor of Science in Zoology

July 2017

Zoology and Entomology Department, Faculty of Science, Assiut University, Egypt.

- **Cumulative GPA: 3.73/4** **Ranked 2**

Work experiences

Assistant lecturer and research assistant

October 2019 – Present

Physiology lab, Zoology Dep., Faculty of Science, Assiut University, Assiut, Egypt.

Teaching many practical Courses (undergraduate level): Animal Physiology, Biochemistry, cell biology, Cancer Biology, Histology, Anatomy, Entomology and Animal taxonomy.

Medical analysis technician

July 2017- August 2019

Publications

The protective effect of gallic acid on tartrazine-induced renotoxicity: Redox potential and morphological study.

Doi/10.21608/AUNJ.2022.139597.1019

Practical experience

- Cell culture for attached and suspended cells.
- Animal handling Wild-type Mice as (Albino Mice, Wistar rats and Blab c mice).
- Paraffin sectioning and Immunohistochemistry.

Training and workshops

- **Protein electrophoresis and its applications** **October 2021**
Zoology Department, Faculty of science, Assiut University, Egypt
- **Statical analysis in scientific research** **August 2021**
Faculty and leadership development center
- **Publication of research in international journals** **August 2021**
Faculty and leadership development center
- **Code of ethics** **August 2021**
Faculty and leadership development center
- **Conference organization** **September 2020**
Faculty and leadership development center

Conferences

The 7th Conference for Young Scientists in Basic and Applied Science, Faculty of science, Assiut university, Egypt, Oral presentation (The protective effect of Gallic acid on tartrazine-induced renotoxicity: redox potential and histological features).

Volunteering

Co-organizing committee member in the 7th Conference for Young Scientists in Basic and Applied Science, Faculty of science, Assiut university, Egypt.

Language

- Arabic: Mother tongue
- English: very good (All undergraduates and master studied in English)

References

- **Prof. Mohamed Bassam AL-Salahy**

Professor of physiology, Zoology &Entomology department, faculty of science, Assiut university.

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- **Dr/Hanan Salah Waly**

Assistant Professor of Physiology, Zoology &Entomology department, faculty of science, Assiut university.

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- **Dr/Shimaa Saleh**

Assistant Professor of Histology and Cell biology, Zoology &Entomology department, faculty of science, Assiut university.

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