

C.V.

Family name: Mahmoud

First name: Marwa

Middle name: Salah

Date of birth: 4-7-1974

Place of birth: Beni-Sueif, Egypt.

Nationality: Egyptian.

Sex: Female

Permanent Address: Zoology Department, Faculty of Science, Beni-Suef University, Beni-Suef, Egypt.

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Languages:

Arabic Mother language

English Second language

Education:

1-B.Sc. in zoology (1996), Cairo University, Beni-Suef Branch.

2-Pre-requisite examination for M.Sc. Degree, Cairo University (1997).

3- M.Sc. in zoology (Histology& Cytology), Cairo University (2002) entitled: "Protective Effect of Vitamin E Against Nitrate Toxicity in Albino Rat "

4- Ph.D. (Histology& Cytology) Beni-Suef University (2007) entitled: "Protective Effect of Some Antioxidants Against Cisplatin Toxicity"

Occupation:

1- Assistant prof. (Histology and Cytology), Zoology Department Faculty of Science, Beni-Suef university 2020-till now

2- Assistant prof. (Histology and Cytology), College of Applied Medical Science, Taif University, Al Taif 2017-2020.

3- Supervisor of Health Stream –preparatory year- taif university from 9/2012 till 2017

4- Coordinator of College of Applied Medical Science, Taif University, Al Taif since 9/2011 to 2012.

5- Deputy Head of the Preparatory Year, College of Applied Medical Science, Taif University, Al Taif 2010-2011.

6- Assistant prof. (Histology and Cytology) College of Applied Medical Science, Taif University, Al Taif since 2010.

7- Lecturer in zoology (Histology &Cytology) zoology Department, Faculty of Science, Beni-Suef University since 2007 to 2014.

8- Assistant lecturer in zoology (Histology Cytology)-zoology Department, Faculty of Science, Beni-Suef University 2002-2007

9- Demonstrator in zoology Department, Faculty of Science, Beni-Suef

branch, Cairo University, from 1997 to 2002.

Teaching Experience:

- Cytology
- Histology
- Histochemistry
- Physiology
- Anatomy
- Comparative Anatomy
- Chordata
- Medical biology

TRAINING

Courses:

- 1-Unique activities in black board. Faculty of Medicine -Taif University. (2017).
- 2-Learning management system in black board. Faculty of Medicine -Taif University (2017).
- 3-Research Quality. KPIs And Benchmarking. Taif University, College of Applied Medical Science 9 April 2012.
- 4-Innovation in Teaching Health Sciences: From Words to Action. Taif university With Purdue University 13-15 March, 2012. Taif University-College of Pharmacy.
- 5-Analysis of DNA polymorphism
- 6-The methods used in pathobiology
 - Morphological Image Analysis
 - Semiquantitative Measurements for Biomarkers
 - Histochemistry
 - Microdissection
 - PCR
 - Tissue Microarray and comet Assay
- 7- Electron microscope

- 8- Applications on modern immunological techniques.
- 9-The usage of molecular biology tests in the diagnosis of sexually transmitted diseases.
- 10-Standards of good scientific research.
- 11- English language - Cairo University.
- 12- College teacher preparation - Cairo University.
- 13- Computer - Fayum University.
- 14- Effective presentation skills- Beni- Suef University.
- 15 - Time management and stress - Beni- Suef University.
- 16 - The use of technology in teaching -Beni- Suef University.
- 17- Effective communication skills - Beni- Suef University.
- 18- International Computer Driving License (ICDL)
- 19-Photoshop

Area of interest in research:

- histochemical studies
- histopathological studies
- molecular biology
- ultrastructural studies.
- Image analysis

Conferences and Symposium attended:

- Introduction to molecular Biology (Organized online by Future Scientists Platform on 1/12/2022).
- المكتبة الرقمية والبحث العلمي: وقفات مع الاقتباس والدورة 14 للترقيات والتي عقدت أون لاين بجامعة بنى سويف بتاريخ 18-10-2022.
- علم النفس الرقمي. نظمت أون لاين بواسطة الفهرس العربي الموحد بتاريخ 26-7-2022.
- تطبيقات إنترنت الأشياء وتحديات الخصوصية والأمان في المجتمعات العربية. نظمت أون لاين بواسطة الفهرس العربي الموحد بتاريخ 12-6-2022.
- نحو تحقيق مسار تعليمي ومهني فردي: استخدام الجاهزية المهنية مدعمة بأدوات التعليم الرقمي نظمت أون لاين بواسطة الفهرس العربي الموحد بتاريخ 17-5-2022.
- A pharmacogenetical study of Medicinal Plants (Organized online by Future Scientists Platform on 26/5/2022).

- Money Pox (Organized online by Future Scientists Platform on 2/6/2022).
-
- Learning management system in black board (Organized online by Taif University on 11 and 12/2/2017).
- Unique activities in black board (Organized online by Taif University 15 and 16/1/2017).
- Course Report (Organized online by Taif university 22/1/2020).
- Stem Cells (Organized online by The Biomics on 8/11/2020).
- Tips for Scientific Publishing (Organized online by Helwan University on 3/10/2020).
- Science of Scientific Writing (Organized online by The Biomics on 4/10/2020).
- How to write an abstract and improve your article (Organized online by Elsevier on 4/5/2020).
- Writing a persuasive cover letter for your manuscript (Organized online by Elsevier on 4/5/2020).
- ندوة علمية دولية عبر الانترنت بعنوان الاعتماد الأكاديمي وإدارته في الجامعات (نظمتها الجمعية العلمية لجودة التعليم والاعتماد الأكاديمي لمنصة قياس بتاريخ 21-11-2020).
- ندوة علمية دولية عبر الانترنت بعنوان التحديات التي تواجه التعليم المدمج والمعالجات (نظمتها الجمعية العلمية لجودة التعليم والاعتماد الأكاديمي لمنصة قياس بتاريخ 5-12-2020).
- ندوة علمية دولية عبر الانترنت بعنوان كيفية انشاء حساب Publon والحصول على شهادة مقيم

دولى-11

والتي نظمتها قسم المختبرات الطبية بالتعاون مع وحدة التعليم المستمر في كلية Publon Academy المعارف الجامعة وكلية العلوم بجامعة بابل بتاريخ 11/11/2020).

- Introduction to interdisciplinary research (Organized online by Helwan University on, Part One 7/11/2020 and Part Two 14/11/2020).
- Natural Immunity during COVID-19 pandemic and after the new normal (Organized online by Academy of Scientific Research and Technology on 23-9-2020).
- Enhance your Research with Elsevier “Supporting Clinicians in a world of Dynamic Medical Knowledge (Organized online by National Research Centre, Cairo University on 13/12/2020).
- The journal of Publishing cycle (Organized online by Elsevier on 3/6/2020).

- Molecular Engineering: Tissue Engineering and organ printing and nucleotide Excision repair in Mycobacterium tuberculosis (Organized online by The Biomics on 5/9/2020).
- Being an effective Reviewer (Organized online by Nature Research Academy and Egyptian Knowledge Bank on 2020).
- Logical Manuscript structure (Organized online by Nature Research Academy and Egyptian Knowledge Bank on 2020).
- Clinical Research Methodology (Organized online by Nature Research Academy and Egyptian Knowledge Bank on 2020).
- On Academic Integrity: Steps to avoid plagiarism (Organized online by Helwan University on 28/9/2020).
- Tips and Tricks to write and apply a successful Research Proposal (Organized online by National Research Centre on 4-5/10/2020).
- Can a Biologist Fix a Smart Phone? (Organized online by The Biomics 22/11/2020).
- What Clinicians should know about statistics? (How to incorporate statistics in your research (Organized online by Helwan university on 19-11-2020).
- Successful Grant and Applications with Funding Institutional-Real Examples and Supporting Tools (Organized online by Elsevier at the Egyptian Knowledge Bank, on 25/10/2020).
- How to prepare your research paper for publication in top indexed journals Organized online by King Khaled University- Saudi Arabia on 10/10/2020).
- Quality and impact in research (Organized online by Clarivate and Egyptian Knowledge Bank on 18/10/2021).
- Researcher's profile and communication skills (Organized online by Clarivate and Egyptian Knowledge Bank on 1/11/2021).

- Research Grants: Spotting-positioning-Drafting (Organized online by Clarivate and Egyptian Knowledge Bank on 4/11/2021).
- Forms of Academic Misconduct: Focus on Plagiarism (Organized online by Helwan university on 6/2/2021).
- The International Workshop on Successful International Experiences of online Education and challenges in Light of COVID-19 (Organized online by Academic Centre for Conferences and Scientific Publishing- Malaysia (ACCSPM) on 12/3/2021).
- An Introduction to IOP publishing and how to use the IOP science platform (Organized online by IOP publishing on 23/10/2021).
- Peer Review Process and Causes of Manuscript Rejection (organized online by Helwan University on 6/3/2021).
- Give your career a boost with peer Review: Case studies & personal insights (Organized online by R Upskill in collaboration with Reviewer Credits 4/2/2021).
- Quality in Research (Publication Strategies and approaches) (Organized online by National Research Centre, Cairo Egypt on 3/2/2021).
- Manage Your Cited References in a Glance Using Endnote Online (Organized online by National Research Centre 1/2/2021).
- Elsevier-NRC Guide Course for Reviewers Introduction to Peer Review and General Aspects (Organized online by National Research Centre on 17/3/2021).
- The 45th international Scientific conference of The Egyptian Society of Histology and Cytology. Cellular Defense Against Recent Pandemics. Held online on December 9th,2021.

- 38. Accreditation of the Academic Programs in institutions of higher education. That held in faculty of science, Beni-Suef University. 28-29 December 2021.
- Formulating a research Proposal and designing the Experiment. College of medicine, Taif University, KSA, 2013
- Symposium On International Nurses Day: Closing The Gap: From Evidence to Action. Taif University, College of Applied Medical Science, KSA, 2012.
- Updates on Pathology and Laboratory Medicine. Taif university-College of Medicine, KSA, 29-30/May/2012.
- 3rd Hematology/Oncology Educational Conference on "Myeloid Disorders" ALHada Armed Forces Hospitals-Taif, KSA, From 28-30 March 2011.
- 5- Third Laboratory and Blood Bank Awareness Day. King Abdul-Azz Specialist Hospital, 26 March 2011
- The 26TH meeting of the Saudi Biological Society (Climatic change and biodiversity) - Taif university -AL Taif -10-12/5/2011.
- Writing a Biomedical Research Paper-Symposium. Taif university- College of medicine -7/5/2011.
- I participated in the Fifth International conference of the Egyptian Society of Environmental Toxicology [Towards Safe Food in Egypt] -Beni-Suef- Egypt-2009
- The [First International Joint Conference on Materials Science, Nanotechnology and Biotechnology "Future Challenges"] [organized in National Research Centre Cairo, Egypt on January 4-6, 2009].
- The Twenty-eighth Conference of the Egyptian Society of Basic Medical Sciences [organized in faculty of medicine- Cairo university, 5 March 2009].

- The Annual Scientific Conference on "Recent Advances in Biochemistry and Molecular Biology", held in Guest House Ain Shams University during the period 28-29 April 2009
- The 33rd Scientific Conference of The Egyptian Society of Histology and Cytology held in Mansura university on December, 31, 2009.

List of Publications:

- 1- The protective effect of hesperidin on the liver of hypothyroid rats mediated by nuclear factor erythroid 2-related factor 2-dependent activation of heme oxygenase1. Walaa Hegazy, Adel Abdel-Moneim, Eman S. Abdel-Rehiem, **Marwa Salah**, Manal Abdul-Hamid. Journal of Molecular Histology, 2022 <https://doi.org/10.1007/s10735-022-10066-w>.
- 2- Nobiletin protects against diabetes-induced testicular injury via hypophysis–gonadal axis upregulation and amelioration of oxidative stress. **Marwa Salah**, Khadiga Ahmed Ismail, Sally Mostafa Khadrawy. Published online: 28 October 2021. doi.org/10.1007/s11033-021-06858-0
- 3-Costus Root Extract Preserves Thyroid Hormones Levels, Thyroglobulin Expression and Thyroid Tissues in Rats Receiving Valproate Sodium. **Marwa Salah**. Indones Biomed J. 2020; 12(4): 304-12.
- 4- Gastroprotective Activity of Olive Leaves Extract on 2,3,7,8 Tetrachlorodibenzo-p-dioxin Induced Gastric Fundic Mucosal Injury in Adult Male Albino Rats (Light and Electron Microscopic Study). **Marwa salah**. The Egyptian Journal of Histology (2020), 43 (4): 1188-1204.
- 5- Decreased Expression of Alpha Smooth Muscle Actin and Desmin Contributes to the Protection of Vitamin D3 against Diclofenac Induced Nephrotoxicity in Rats. Youssef S, **Salah M**. Adv. Life Sci. 2020, 8(1): 78-84.
- 6-Differential Expression of CD3, TNF-, and VEGF Induced by Olanzapine on the Spleen of Adult Male Albino Rats and the Possible Protective Role of Vitamin C. Sahar Youssef, and **Marwa Salah**. Biomedicines 2019, 7, 39; doi:10.3390/biomedicines7020039.

- 7-Renal Cortical Structural Alterations in Atorvastatin-treated Rats and the Possible Protective Mechanisms of L-Carnitine. Sahar Youssef, and **Marwa Salah**. Indian J Pharm Sci 2019;81(5):834-843.
- 8-Histopathological and ultrastructural studies on the protective effect of daidzein and vitamin C against gamma irradiation induced kidney alterations in albino rats. **Marwa Salah**; Manal Ismail; Saeed Soliman; Hadeer Osman. Egyptian Journal of Histology, 2020 43 (2), 427-440.
- 9-The role of vitamin E in reducing aluminum hydroxide effects on testes on testes of albino rats a histological and immunohistochemical study. Amal Affefy, **Marwa Salah** and amina Tolba. Int.Res.J. of App. and Basic Sci., 10(4):369-379. (2016)
- 10-Effect of Hesperidine on amiodarone induced pulmonary toxicity and possibility of recovery after withdrawal of amiodarone in Albino Rat. (Histological, Immunohistochemical, and Ultrastructural study) (2015): **Marwa Salah** and Mona Arafa. Egypt. J. Med. Sci. 36(2) :787-808.
- 11-The Protective Effect of Camel's Milk-in Comparison to Thymoquinone-on Streptozotocin-Induced Damage in The Pancreas of Albino Rats. **Marwa Salah Mahmoud**. Egyptian Journal of Zoology, 2015.
- 12-Protective effect of orange and grapefruits peel extracts against testicular toxicity induced by sulfasalazine in male albino rats. **Marwa Salah** and Manal Abdul-Hamid, The Egyptian Journal of Histology: 2014; 37 (3): 429–441.
- 13-Intervention of ginger or propolis ameliorates methotrexate-induced illeum toxicity, Toxicol Ind Health. Manal Abdul-Hamid and **Marwa Salah** ,4, 2013.
- 14-Biological compatibility of carbon nanotubes for treatment of Pollution of Nile tilapia (*Oreochromis niloticus*) by lead acetate. **Marwa Salah**, Ahmed A. Farghali, Hasnaa Azmy and Mohamed H. Khedr. Life Science Journal, 2013;10(2).
- 15-The potential role of RBCs and activated platelets in the Thalassemic hypercoagulable state. Zein S. Ibrahim, Mahmoud M Kamel, Amal Abedel Aziz, Afaf S. Osman, **Marwa Salah** and Dalal M Nemenqani, Journal of American Science 2013;9(5): 518-524.

- 16-Effect of Honey on Monosodium Glutamate Induced Nephrotoxicity (Histological and Electron Microscopic Studies), Amal A. Afeefy, **Marwa S. Mahmoud** and Mona A.A. Arafa Journal of American Science: 2012;8(1s).
- 17-Effect of Green Tea Extract on Thyrotoxic Effect of Lead Acetate in Male Wistar Rats. Abdou, Khaled, A.; Wala A Moselhy and **Marwa salah**. SOT/ Program, 51st Annual Meeting& Tox Expo, March 11-15, 2012, San Francisco, California.
- 18-Green Tea Extract Ameliorates Liver and Pituitary Gland Toxicity Induced by Diethylnitrosamine in Male Rats. **Mahmoud, M.S.** and Abdul-Hamid, M. [Journal of American Science, 2012;8(3): 58-71].
- 19-Hepato Ameliorative Effect of Azadirachta indica Leaves Extract against Mercuric Chloride Environmental Pollution.Eman Taha Mohamed; Hisham Abdo Mahran; and **Marwa Salah Mahmoud** [Journal of American Science 2010;6(9) :735-751].
- 20-Protective effect of some antioxidants against hepatotoxicity induced by Cisplatin (histological, histochemical and ultrastructural studies). M. Abdul-hamid and **M.S. Mahmoud** [Egyp.J.Zool.,55:217-248,2010].
- 21-The use of Azadirachta indica leaves extract as a health protective agent against mercury toxicity to rat kidney: Biochemical and microscopic studies. **Marwa Salah Mahmoud**; Hisham Abdo Mahran; Eman Taha Mohamed [J. Egypt. Ger. Soc. Zool.,61c, 2010]
- 22-Protective effect of some antioxidants against cisplatin nephrotoxicity (histological, histochemical and ultrastructural studies) M. Abdul-hamid and **M.S. Mahmoud**. [J.Egypt.Ger.Soc.Zool.Vol.(55C): Histology&Histochemistry,345-388,2007].
- 23-Lycopene reduces deltamethrin effects induced thyroid toxicity and DNA damage in albino rats. Manal Abdul-Hamid, **Marwa Salah**. The Journal of Basic & Applied Zoology. 2013, 66 (4)155-163. 2013.
- 24-The protective effect of vitamin A against sodium nitrate induced toxicity in liver and kidney of albino rats: histological and ultrastructural study. SR Galaly, **MS Mahmoud**. 2012. Journal of American Science 8 (12), 293-308

الدورات التدريبية بمركز تنمية قدرات أعضاء هيئة التدريس :

1- دورة تدريبية في " آداب وسلوك المهنة" من مركز تنمية الموارد البشرية- جامعة بنى سويف والتي عقدت في الفترة من 14-15/11/2021.

2- دورة تدريبية في " أخلاقيات البحث العلمي" من مركز تنمية الموارد البشرية- جامعة بنى سويف والتي عقدت في الفترة من 16-17/11/2021.

3- دورة تدريبية في " النزاهة والشفافية ومكافحة الفساد" من مركز تنمية الموارد البشرية- جامعة بنى سويف والتي عقدت في الفترة من 21-22/11/2021.

4- دورة تدريبية في " استخدام التكنولوجيا في التدريس" من مركز تنمية الموارد البشرية- جامعة بنى سويف والتي عقدت في الفترة من 23-24/11/2021.

عضوية الجمعيات والمجلات العلمية:

1- عضو الجمعية المصرية لعلم الحيوان.

2- عضو الجمعية المصرية لعلم الأنسجة والخلايا

Thesis:

- 1- **Hasnaa Azmy:** Biological compatibility of carbon nanotubes for treatment of Pollution of Nile tilapia (*Oreochromis niloticus*) by lead acetate.2013.
- 2- **Hadeer Osman Labib Fikry:** Histopathological and ultrastructural studies on the protective effect of daidzein and vitamin C against gamma irradiation induced liver and kidney alterations in albino rats. 2020.
- 4- **Walaa Hegazy:** The prospective protective effect of hesperidin on histopathological, ultrastructural, immunohistochemical, biochemical and oxidative status changes induced by carbimazole in liver, thyroid and lung of albino rats.2021
- 5- **Eman Sayed:** Maternal Bisphenol-A exposure Affects the Development of Albino Rat Offspring.2022