

Curriculum Vitae

Name: Prof. Aida Abdeen Mahmoud Ahmed

Position: Professor of Medical Biochemistry, Faculty of Medicine, Sohag University.

Current Position: Professor of Medical Biochemistry, Faculty of Medicine, MUE

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I-Education:

1. Bachelor of Medicine and Surgery from the Faculty of Medicine in Sohag - South Valley University, February 1996.
2. Master's degree in Biochemistry in February 2004 (South Valley University) and the subject of the thesis was (Biochemical study on some important markers in breast milk).
3. MD in Biochemistry in December 2009 (Sohag University) and the subject of the thesis was (Biochemical role of antiphospholipid antibodies in some autoimmune diseases).

II-Academic experiences:

1. Demonstrator at the Department of Medical Biochemistry, Faculty of Medicine, Sohag (1999-2004).
2. Assistant lecturer in the Department of Medical Biochemistry, Faculty of Medicine, Sohag (2004-2010).
3. Lecturer in the Department of Medical Biochemistry, Faculty of Medicine, Sohag (2010-2017).
4. Assistant Professor, Department of Medical Biochemistry, Faculty of Medicine, Sohag (2017-2022).
5. Professor, Department of Medical Biochemistry, Faculty of Medicine, Sohag University (2022-present).
6. Professor, Department of Medical Biochemistry, Faculty of Medicine, Merit University (2025-2026).

III-Work experience

1. Participation in teaching the courses for the first, second, and third years at the College of Human Medicine in the five-year integrated systems, Sohag University.
2. Participation in teaching Biochemistry and Nutrition course for the first year of the College of Nursing, Sohag University.
3. Participation in teaching clinical chemistry course for the Health Technical Institute.
4. Participation in teaching medical biochemistry courses at the College of Pharmacy and Clinical Pharmacy, Sohag University.
5. Participation in teaching postgraduate courses in medical biochemistry for master's and doctoral students in clinical specialties, Sohag University .
6. Participation in monitoring and conducting examinations for postgraduate students.
7. Participation in monitoring and conducting examinations for undergraduate students.
8. Biochemistry reviewer of Supreme Council of universities .
9. Reviewer of National Initiative for Green Smart Projects

IV-Supervision of scientific theses:

1. Doctoral Thesis in medicine / Hend Muhammad Naguib entitled: Mitochondrial DNA copy number and leucocyte telomere length as biomarkers in type 2 diabetic patients.
2. Doctoral Thesis in medicine / Amira Ahmed Junaidi Badawi entitled: Study of genetic polymorphisms of angiotensin-converting enzyme in patients on regular hemodialysis at Sohag University Hospital
3. Master's thesis in medicine/Justina Lamaa Fanous entitled: The potential effect of myoinositol, erythropoietin, and metformin on an animal model of polycystic ovary syndrome.
4. Medical Master's thesis/Heba Salah Ismail entitled: The effect of a deficiency of thyroid hormones in the perinatal period on the cognitive functions of the offspring of rats.
5. Doctorate thesis in medicine / Asmaa Muhammad Khalaf Hashem entitled: Study of the toxic effects of inhalation anesthetics after single and repeated exposure using random amplification of DNA

6. Medical doctoral dissertation / Rasha Abdeen Rifai entitled: Iricin produced due to exercise and its effect on bone density in male rats with osteoporosis
7. Doctorate thesis in medicine / Marwa Shaaban Hashem entitled: Evaluation of some vital signs for breast cancer patients.
8. Master's thesis in medicine/Hend Muhammad Naguib entitled: Genetic polymorphisms of the adiponectin gene in non-alcoholic fatty liver.
9. Master's thesis in medicine / Al-Shaima Hafez Abdel-Al, entitled: Study of the fatty acid plant in patients with type 2 diabetes.
10. Master's thesis in medicine / Zainab Mahmoud Qadri entitled: Study of apelin and nitrous oxide in patients with high blood pressure
11. Master's thesis in medicine / Shaima Badawi Hamdan entitled: Adipocytokine in patients with diabetes and heart disease

V- Publications

1. Aida A Mahmoud, AHK Ali (2014). Vitamin D receptor gene polymorphism and 25 hydroxy vitamin D levels in Egyptian patients with pulmonary tuberculosis. *Egyptian Journal of Chest Diseases and Tuberculosis* 63 (3), 651-655
2. KM Sayed, AA Mahmoud (2016). Heat shock protein-70 and hypoxia inducible factor-1 α in type 2 diabetes mellitus patients complicated with retinopathy. *Acta ophthalmologica* 94 (5), e361-e366
- AA Mahmoud, AKA Nor El-Din (2013). Glucose-6-phosphate dehydrogenase activity and protein oxidative modification in patients with type 2 diabetes mellitus. *Journal of biomarkers* 2013
3. AA Mahmoud, MA (2011). Serum protein carbonyl content, total thiol and nitric oxide in patients with rheumatoid arthritis. *J Am Sci* 7, 683-686
4. AA Mahmoud, A Sheneef, AA Sayed, MAW Ezat, EA Sabet (2016) Association of interleukin-10 (-592A/C) gene polymorphism with its level in type 2 diabetes mellitus with and without nephropathy. *J. Mol. Genet. Med* 10 (199), 1747-0862.1000199
5. AA Mahmoud, A Sheneef, AM Goda, MA Ismail, EM Abualfadl (2016). Association of interferon- γ and its (+ 874 T/A) gene polymorphism with type 2 diabetes mellitus. *The Egyptian Rheumatologist* 38 (4), 277-282
6. AA Mahmoud, MA Ismail (2012). Anemia, Iron Status and Calcium-Phosphorus levels in Rheumatoid Arthritis Patients. *Nature and Science* 10 (7), 110-114
7. AA Mahmoud, A Abdelrahman, HOA el Aziz (2018). Protective effect of curcumin on the liver of high fat diet-fed rats. *Gene Reports* 11, 18-22
8. A Sheneef, MM Esmat, AN Mohammad, AA Mahmoud, HM Moghazy.(2017). Interleukin-10 and Interferon Gamma Gene Polymorphisms and Hepatitis C Virus–Related Liver Cirrhosis Risk. *Journal of Interferon & Cytokine Research* 37 (4), 175-180

9. A Sheneef, MT Hussein, T Mohamed, AA Mahmoud, LM Yousef. (2017). Pentraxin 3 Genetic Variants and The Risk of Active Pulmonary Tuberculosis. The Egyptian journal of immunology 24 (1), 21-27.
10. Aida A Mahmoud, A Farouk, A Goneim, MFA Hafez, TH Saleem(2016). Ornithine decarboxylase gene expression and activity in lung cancer. Gene Reports 5, 126-129
11. Aida A Mahmoud, HM Moghazy, MAW Ezat (2016). Association of sirtuin 1 gene single nucleotide polymorphisms with type 2 diabetes mellitus in essential hypertension patients Meta Gene 10, 8-12
12. AA Mahmoud, AN Mohammad, MAW Ezat(2016). Evaluation of Circulating Fatty Acid Synthase as a Biomarker in Non-Alcoholic Fatty Liver Disease. Open Journal of Gastroenterology 6 (09), 229
13. AA Mahmoud, AHK Ali, EN Eldin (2016). Sirtuin 1 gene rs2273773 C> T single nucleotide polymorphism and protein oxidation markers in asthmatic patients. Egyptian Journal of Medical Human Genetics 17 (2), 191-196
- AA Mahmoud, HM Moghazy, LM Yousef, AN Mohammad(2019). Adiponectin rs2241766 and rs266729 gene polymorphisms in non-alcoholic fatty liver disease. Gene Reports 15, 100381
14. Aida A Mahmoud, MH Hassan, AA Ghweil, A Abdelrahman, AN Mohammad (2019). Urinary 8-hydroxydeoxyguanosine in relation to XRCC1 rs25487 G/A (Arg399Gln) and OGG1 rs1052133 C/G (Ser326Cys) DNA repair genes polymorphisms in patients with chronic hepatitis C and related hepatocellular carcinoma. Cancer Management and Research 11, 5343-5351
15. MM Zakhary, Aida A Mahmoud, MS Hashim(2018). Role of osteopontin and its rs11730582 gene polymorphism in breast cancer. Meta Gene 17, 124-127
16. AA Mahmoud, LM Yousef, NAE Zaki (2016). Apolipoprotein E gene polymorphism in Egyptian acute coronary syndrome patients Egyptian Journal of Medical Human Genetics. 17 (1), 99-103
17. HM Moghazy, Aia A Mahmoud, MM A Salman (2016). Selenium increases testicular steroidogenesis and growth factors expression in streptozotocin-induced diabetic rats Bulletin of Egyptian Society for Physiological Sciences 36 (2), 107-116.
18. H Moghazy, Aida A Mahmoud, H Elbadre, HOA Aziz(2020). Protective Effect of Oxytocin Against Bone Loss in a Female Rat Model of Osteoporosis. Reports of Biochemistry & Molecular Biology 9 (2), 147
19. A Abdelrahman, Aida A Mahmoud, Y Lamie Fanous, NG Abd Elhaliem (2021). Impact of erythropoietin and myoinositol versus metformin on insulin resistance in a rat model of polycystic ovary syndrome. Archives of Physiology and Biochemistry, 1-1
20. R Sayed, T Seleem, T Eldeeb, M Abdella, Aida Mahmoud (2007). Biochemical Study on Some Important Markers in Human Milk. Bulletin of Egyptian Society for Physiological Sciences 27 (1), 345-36

21. Aida A Mahmoud, H Abdel-Aziz, M Elbadr, H ELBadre (2021). Effect of Nicotine on STAT1 Pathway and Oxidative Stress in Rat Lungs. Reports of Biochemistry and Molecular Biology, 429-436
22. Ahmed, N., Mahmoud, Aida A., Abd Elhamed Zaki, N., Genedy, A. Association of Angiotensin Converting Enzyme gene polymorphism in anemic patients with regular haemodialysis in Sohag University Hospital. *SVU-International Journal of Medical Sciences*, 2022; 5(2): 442-460. doi: 10.21608/svuijm.2022.156873.1384

VI-Reviewer Activity

1. Biochemitry reviewer of Supreme Council of Universities.
2. Reviewer of National Initiative for Green Smart Projects
3. Reviewer for the following journals: gene reports, journal of clinical laboratory analysis, Sohag Medical journal
4. Evaluation of master's theses.
5. Evaluation of MD theses

VII-Conferences and Workshops Attended

1. Annual conferences of the Faculty of Medicine - Sohag University in the years 2008-present
2. The Second Conference of the Department of Biochemistry, Faculty of Medicine - Assiut University, in the period 16-17/3/2009.
3. The third scientific day of the Rheumatology Department 4/28/2010.
4. Capacity development courses.
5. Participation and presentation of a research paper in the Young Researchers Conference at Sohag University on 5/12/2011.
6. The first scientific meeting of the Genetic and Metabolic Diseases Unit at the Faculty of Medicine, Assiut University, 3/31/2012.
7. Participation and presentation of a research paper in the Biochemistry Conference at the Faculty of Medicine - Cairo University on 3/22/2014.
8. Course of scientific supervision of dissertations in the period 13-15/4/2010.
9. Credit hours course in the period 7/25-27/2011
10. Examination systems and evaluation course, which was implemented during the period from 7/27/2020 to 7/28/2020
11. Scientific publishing course, which was implemented during the period from 9/2/2020 to 9/3/2020
12. Communication skills course in different educational styles, which was implemented during the period from 8/24/2020 to 8/25/2020.
13. A course on combating and introducing corruption, for fifteen training hours.
14. Mobile applications course

15. Web editing and publishing course
16. workshop to learn about the new regulations (integrative medicine) for the Faculty of Medicine, Quality Assurance Unit - Sohag University - July 2018
17. workshop to describe classroom blocks 5, 4, 3, entitled Case Based Learning, Quality Assurance Unit - Sohag University - April 2019
18. Sohag university evaluation workshop in light of quality standards on 4/29/2018.

VII-References

1. http://srv5.eulc.edu.eg/eulc_v5/Libraries/start.aspx?fn=ApplySearch&ScopeID=&criteria1=2.&SearchText1=MAHMOUD%2C+AIDA+ABDEEN
2. <https://scholar.google.com/citations?user=pjrotWcAAAAJ&hl=en>
3. https://www.researchgate.net/profile/Aida_A_Mahmoud/publications
4. <https://staffsites.sohag-univ.edu.eg/stuff/user>