



Curriculum Vitae

Alaa Samir Mohammed Wahba
Lecturer of Biochemistry, Faculty of
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▪ Personal

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- Google scholar URL:
https://scholar.google.com/citations?view_op=list_works&hl=en&user=WyU_Zj5MAAAAJ
- **Academic position:** lecturer (PhD)
- **College:** Pharmacy
- **Department:** Biochemistry
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▪ Qualification Degrees and Specialty Certifications:

- B-pharm.2011, faculty of pharmacy, Zagazig University, Zagazig, Egypt.
- Master's degree in pharmaceutical sciences (Biochemistry), faculty of pharmacy, Zagazig University, Zagazig, Egypt in **17/1/2017**.



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- PhD in Pharmaceutical Sciences (Biochemistry), Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt in **9/2020**.

- **Technical and Academic Experience:**
 - Demonstrator of Biochemistry Faculty of Pharmacy, Zagazig University, Zagazig, Egypt from **30/11/2011**.
 - Demonstrator of Biochemistry Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt from **8/3/2016**.
 - Assistant lecturer of Biochemistry Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt from **19/4/2017**.
 - Lecturer of Biochemistry Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt **October 2020**.

- **Teaching practice**
 - For undergraduate students

 - Old Program
 1. Biochemistry for 3rd year pharmacy students (Old program), Faculty of Pharmacy, Suez Canal University.

 - New Program
 - 1- Biochemistry 1 (PB201) for 2nd year pharmacy students (New program), Faculty of Pharmacy, Suez Canal University.
 - 2- Biochemistry 2 (PB301) for 3rd year pharmacy students (New program), Faculty of Pharmacy, Suez Canal University.
 - 3- Clinical Biochemistry (PB302) for 3rd year pharmacy students (New program), Faculty of Pharmacy, Suez Canal University.
 - 4- Human Nutrition (PB401) for 4th year pharmacy students (New program), Faculty of Pharmacy, Suez Canal University

 - Pharm D Program
 1. Cell Biology (PB201) for 1st year pharmacy students (Pharm D), Faculty of Pharmacy, Suez Canal University.
 2. Biochemistry 1 (PB402) for 2nd year pharmacy students (Pharm D), Faculty of Pharmacy, Suez Canal University.



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3. Biochemistry 2 (PB503) for 3rd year pharmacy students (Pharm D), Faculty of Pharmacy, Suez Canal University.
- Clinical Program
 - 1- Biochemistry 1 (PB401) for 2nd year clinical pharmacy students, Faculty of Pharmacy, Suez Canal University.
 - 2- Biochemistry 2 (PB502) for 3rd year clinical pharmacy students, Faculty of Pharmacy, Suez Canal University.
 - 3- Clinical Biochemistry (PB803) for 4th year clinical pharmacy students, Faculty of Pharmacy, Suez Canal University.
 - 4- Clinical Nutrition (PP909) for 5th year clinical pharmacy students, Faculty of Pharmacy, Suez Canal University
 - Clinical (Pharm D) Program
 - 1- Cell Biology (PB201) for 1st year clinical pharmacy students (Pharm D), Faculty of Pharmacy, Suez Canal University.
 - 2- Biochemistry 1 (PB302) for 2nd year clinical pharmacy students (Pharm D), Faculty of Pharmacy, Suez Canal University.
 - 3- Biochemistry 2 (PB403) for 2nd year clinical pharmacy students (Pharm D), Faculty of Pharmacy, Suez Canal University
 - For Postgraduate Students:
 - Diploma of Clinical and Biochemical Analysis, Faculty of Pharmacy, Suez Canal University
 - 1- Cell Biology and Nucleic Acids (BIO703)
 - 2- Enzyme Kinetics (BIOE711)
 - 3- Clinical Nutrition (BIO708)
 - Diploma of Clinical Pharmacy, Faculty of Pharmacy, Suez Canal University
 - 1- Clinical Nutrition (PRAC709)
 - Professional Master (Clinical Nutrition), Faculty of Pharmacy, Suez Canal University
 - 1- Nutrition through Life Cycle (BIO802) for 1st year post-Graduate students, Professional Master (Clinical Nutrition).
 - 2- Clinical Nutrition (BIO805) for 1st year post-Graduate students, Professional Master (Clinical Nutrition).



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- 3- Therapeutic Nutrition I (BIO808) for 2nd year post-Graduate students, Professional Master (Clinical Nutrition), Faculty of Pharmacy, Suez Canal University.
 - 4- Therapeutic Nutrition II (BIO813) for 2nd year post-Graduate students, Professional Master (Clinical Nutrition), Faculty of Pharmacy, Suez Canal University.
- Professional Master (Pharm D), Faculty of Pharmacy, Suez Canal University
 - 1- Clinical Nutrition (PRAC811) for 1st year post-Graduate students, Professional Master (Pharm D).
 - Industrial and Pharmaceutical Biotechnology PhD Program, Biotechnology Research Institute for Post Graduate Studies, Suez Canal University
 - 1- Gene Therapy (IPB303)
 - 2- Molecular Genetics (IPB304)
- **Activities**
 - Prime of the committee of (Credibility and ethics), Quality Assurance Unit, Faculty of Pharmacy, Suez Canal University. September 2015 till 2022.
 - The head of the field training unit, Faculty of Pharmacy, Suez Canal University. 2019 till present.
 - The head of the Information Technology Unit, Faculty of Pharmacy, Suez Canal University. October 2020 till present.
 - Coordinator for Hybrid Education, Faculty of Pharmacy, Suez Canal University. October 2020.
 - Member of Scientific Research Ethics Committee, Faculty of Pharmacy, Suez Canal University. October 2021 till present.
 - Member of the Electronic Exams Unit, Faculty of Pharmacy, Suez Canal University. 2021/2022 and 2022/2023.
 - Coordinator for Post-Graduate Diploma of Clinical and Biochemical Analysis, Faculty of Pharmacy, Suez Canal University. March 2023 till 2023.
 - Vice president of the Quality Assurance Unit, Faculty of Pharmacy, Suez Canal University. May 2022 till present.



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- The head of the committee of (Quality Management and Development), Quality Assurance Unit, Faculty of Pharmacy, Suez Canal University. May 2022 till present.

- **Publications**

1. Elswefy SE, Abdallah FR, Atteia HH, **Wahba AS**, Hasan RA. Inflammation, oxidative stress and apoptosis cascade implications in bisphenol A-induced liver fibrosis in male rats. International journal of experimental pathology. 2016 Oct;97(5):369-79.
2. **Wahba AS**, Ibrahim ME, Mesbah NM, Saleh SM, Abo-Elmatty DM, Mehanna ET. Serum LINC00305 expression and its genetic variant rs2850711 are associated with clinical and laboratory features of rheumatoid arthritis. British Journal of Biomedical Science 2020;77(3):142-147. doi:10.1080/09674845.2020.1744942
3. **Wahba AS**, Ibrahim ME, Mesbah NM, Saleh SM, Abo-Elmatty DM, Mehanna ET. Long non-coding RNA MEG3 and its genetic variant rs941576 are associated with rheumatoid arthritis pathogenesis in Egyptian patients. Archives of Physiology and Biochemistry 2020. doi:10.1080/13813455.2020.1784951
4. Elswefy SE, Abdallah FR, **Wahba AS**, Hasan RA, Atteia HH. Antifibrotic effect of curcumin, n-acetyl cysteine and propolis against bisphenol A-induced hepatotoxicity in rats: Prophylaxis versus co-treatment. Life Sciences. 2020 Aug 10:118245.
5. **Wahba AS**, Ibrahim ME, Mesbah NM, Saleh SM, Abo-Elmatty DM, Mehanna ET. Implication of LncRNAs MEG3 and LINC00305 in Pathophysiological Mechanisms associated with Rheumatoid Arthritis. Records of Pharmaceutical and Biomedical Sciences. 2020.
6. **Wahba AS**, Ibrahim ME, Abo-Elmatty DM, Mehanna ET. Association of the adipokines chemerin, apelin, vaspin and omentin and their functional genetic variants with rheumatoid arthritis. Journal of Personalized Medicine. 2021 Sep 29;11(10):976. doi: 10.3390/jpm11100976



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7. Elhady SS, Abdelhameed RF, Mehanna ET, **Wahba AS**, Elfaky MA, Koshak AE, Noor AO, Bogari HA, Malatani RT, Goda MS. Metabolic profiling, chemical composition, antioxidant capacity, and in vivo hepato-and nephroprotective effects of *Sonchus oleraceus* in mice exposed to cisplatin. *Antioxidants*. 2022 Apr 22;11(5):819. doi: 10.3390/antiox11050819
8. Elhady SS, Goda MS, Mehanna ET, Elfaky MA, Koshak AE, Noor AO, Bogari HA, Malatani RT, Abdelhameed RF, **Wahba AS**. Meleagrins isolated from the Red Sea fungus *Penicillium chrysogenum* protects against bleomycin-induced pulmonary fibrosis in mice. *Biomedicines*. 2022 May 18;10(5):1164. doi: 10.3390/biomedicines10051164
9. Mohamad HE, Abo-Elmatty DM, Wahba NS, Shaheen MA, Sakr RT, **Wahba AS**. Infliximab and/or MESNA alleviate doxorubicin-induced Alzheimer's disease-like pathology in rats: A new insight into TNF- α /Wnt/ β -catenin signaling pathway. *Life Sciences*. 2022 Jul 15;301:120613. doi: 10.1016/j.lfs.2022.120613
10. Mohammed AA, El-Matty DM, Abdel-Azeem R, Raafat K, Hussein MA, El-Ansary AR, Hafez W, Hassan HA, Nassar NA, Selim NM, Ghaith D, El Kholy AA, Abd El Salam SM, Al Anouti F and **Wahba AS**. Allelic Discrimination of Vitamin D Receptor Polymorphisms and Risk of Type 2 Diabetes Mellitus: A Case-Controlled Study. *Healthcare*. 2023 Feb 7; 11:485. MDPI. doi: 10.3390/healthcare11040485
11. Mohammed AA, Abo El-Matty DM, Abd ElSalam EA, Hussein MA, Hafez W, Ibrahim SA, Shaheen EA, Awad EA, Osman MA, Abd El-Raouf MS, Saed SM, El-Amir RY, Ghaith D, Al Anouti F and **Wahba AS**. Evaluating the Feasibility of Pro-Neurotensin and 25-Hydroxyvitamin D3 as Possible Indicators for Type 2 Diabetes Mellitus and Its Complications. In *Healthcare*. 2023 Apr 11; 11:1088. MDPI. doi: 10.3390/healthcare11081088
12. Mohamed AA, Nour AA, Mosbah NM, **Wahba AS**, Esmail OE, Eysa B, Heiba A, Samir HH, El-Kassas AA, Adroase AS, Elamir AY, Mahmoud GM, Raafat RS, Hassan HA and El Abd YS. Evaluation of circulating insulin-like growth factor-1, heart-type fatty acid-binding protein, and endotrophin levels as prognostic markers of COVID-19 infection severity. *Virology Journal*. 2023 May 15;20(1):94. doi: 10.1186/s12985-023-02057-4



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13. Mohamed AA, Abo-Elmatty DM, Esmail OE, Salim HS, Abd El Salam SM, El-Ansary AR, Yacoub MF, Abdelrahman SA, Saleh OM, Hassan Y, Abdulgawad EA, Sakr Y and **Wahba AS**. MicroRNA-224 Up-Regulation: A Risk for Complications in Type 2 Diabetes Mellitus Egyptian Patients. Pharmacophore. 2022;13(6):137-45. doi:10.51847/SKWTZqgB22

▪ **Conferences**

- Attendance of the First scientific conference of biochemistry department, Faculty of pharmacy, Zagazig University on **28/12/2011**.
- Attendance of the Second scientific conference of Faculty of pharmacy, Zagazig University on **20/3/2012**.
- Attendance of the Second scientific conference of biochemistry department, Faculty of pharmacy, Zagazig University on **19/12/2012**.
- Attendance of the Third scientific conference of biochemistry department, Faculty of pharmacy, Zagazig University on **12/2013**.
- Attendance and participation in the Organization of the First scientific meeting of biochemistry department which was held within the framework of the activities of the experiences exchange committee, Faculty of pharmacy, Suez Canal University on **19/10/2016**.
- Attendance and participation with a Poster Presentation in the **1st international conference of pharmaceutical and medical sciences**, Faculty of pharmacy, Suez Canal University on **1-2/4/2017**.
- Attendance of "**Clinical Pharmacy between reality and expectations**" the 1st conference on clinical pharmacy, faculty of pharmacy, Suez Canal University on **25/11/2017**.
- Attendance of **2nd SCU Conference on Clinical Pharmacy**, faculty of pharmacy, Suez Canal University on **20/11/2018**.



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- Attendance of **The First Annual Conference for Postgraduate, Pharmaceutical Science...Innovation and Development**, Faculty of pharmacy, Suez Canal University on **3/12/2018**.
- Attendance and participation with a Poster Presentation in "**Pharmaceuticals used in Internal Medicine**" the 2nd international conference of Faculty of pharmacy, Suez Canal University on **8-9/12/2019**.
- Attendance and participation as (Organizer, student supervisor and reviewer) in the 5th Students Conference of Faculty of Pharmacy "**Towards New Student Cards**". Suez Canal University, Ismailia, Egypt on **March 8, 2022**.
- Attendance of the 6th Clinical Pharmacy Conference of Faculty of Pharmacy- Suez Canal University, Tolip El Forsan Hotel, Ismailia on **December 15, 2022**.
- Attendance of the International Conference of The Egyptian Society of Metabolic Syndrome (ESMA), Tolip El Forsan Hotel, Ismailia on **March 1-3, 2023**.
- Attendance and participation as (Organizer, student supervisor and reviewer) in the 6th Students Conference of Faculty of Pharmacy "**Pharmaceutical industries in light of sustainable development and Egypt's Plan 203**". Suez Canal University, Ismailia, Egypt on **March 20, 2023**.
- Attendance of 2nd International Conference of Pharmaceutical & Therapeutical Science PTS 2023 Online, Faculty of Pharmacy, Menoufia University on **May 10-11, 2023**.
- **Work shops**
 - *From 18 February to 1 March 2012. Windows – Microsoft - Office.* Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.



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- **3-15 March 2012. Internet - Latex.** Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.
- **From 17 March to 5 April 2012. Spsswin.** Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.
- **29-30 April 2012. Quality standards in the teaching process.** Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.
- **8-9 May 2012. Local and international competitive research projects.** Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.
- **29-30 May 2012. Exam systems and evaluation of students.** Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.
- **7-8 February 2016. Financial and legal aspects of university work.** Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.
- **9-10 February 2016. Scientific research ethics.** Faculty of Pharmacy, Zagazig University, Zagazig, Egypt.
- **27-28 November 2019. Advanced Power Point.** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **4-5 December 2019. Advanced Spread Sheets.** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **22-26 December 2019. Teacher Preparation (Effective Teaching, Use of Technology and Micro-teaching).** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **20-21 June 2020. Endnote.** Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- **8 May 2021. Preparing the test item for the medical sector.** An online training course within the implementation plan of the national system for electronic tests.
- **15 December 2021. Electronic Exam Training.** An online training course within the implementation plan of the national system for electronic tests.
- **11 May 2022. Electronic Exam Training.** An online training course within the implementation plan of the national system for electronic tests.
- **8-9 May 2023. Biobanking & Clinical Pharmacogenomics PGx (from theoretical to clinical application)** affiliated to the 2nd international



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conference of pharmaceutical & therapeutical science PTS 2023

Online (Zoom Meeting), Faculty of Pharmacy, Menoufia University.

- **9 May 2023. Drug Design & Discovery Software** affiliated to the 2nd international conference of pharmaceutical & therapeutical science PTS 2023 Online (Zoom Meeting), Faculty of Pharmacy, Menoufia University.
- **10 May 2023. Nutritional Therapy & Clinical Nutrition** affiliated to the 2nd international conference of pharmaceutical & therapeutical science PTS 2023 Online (Zoom Meeting), Faculty of Pharmacy, Menoufia University.

▪ **Reviewer in:**

- *Therapeutic Advances in Chronic Disease*
- *Journal of Musculoskeletal and Neuronal Interactions JMNI*
- *Immunity, inflammation and disease*
- *Frontiers In Molecular Neuroscience*
- *biomarkers in medicine*
- *Chemico-Biological Interactions*