

SUAD ALKASS

University of Duhok, College of Pharmacy, Department of Medicinal Chemistry · 07512348654
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A Professional biochemistry instructor with diverse knowledge of conducting research and teaching biochemistry. Specializing in clinical biochemistry and possessing 39 years of teaching experience in various Colleges and Institutes. Enjoyed in working with the communities.

EXPERIENCE

10/2022 – present

PROFFESOR, UNIVERSITY OF DUHOK, COLLEGE OF PHARMACY, DEPARTMENT OF MEDICINAL CHEMISTRY

Teaching biochemistry and Clinical biochemistry for graduate and postgraduate students of Pharmacy and health science. Head of Medicinal chemistry Department

2016- 9/2022

ASSOCIATED PROFFESOR, UNIVERSITY OF DUHOK, COLLEGE OF PHARMACY, DEPARTMENT OF MEDICINAL CHEMISTRY

Teaching biochemistry and Clinical biochemistry for graduate and postgraduate students of various colleges including Medicine, Pharmacy, Dentistry and health science. Head of Medicinal chemistry Departement

2011- 2015

ASSOCIATED PROFFESOR, UNIVERSITY OF DUHOK, FACULTY OF MEDICINE, DEPARTMENT OF MEDICAL CHEMISTRY

Teaching biochemistry and Clinical biochemistry for graduate and postgraduate students of various colleges including Medicine, Pharmacy, Dentistry and health science.

1992 – 2010

LECTURER, MOSUL TECHNICAL INSTITUTE, CLINICAL PATHOLOGY DEPARTMENT

Teaching biochemistry

1984 – 1991

ASSOCIATED LECTURER, MOSUL TECHNICAL INSTITUTE, INDUSTRIAL CHEMISTRY DEPARTMENT

Teaching Physical chemistry and Organic chemistry

EDUCATION

2 2001

PHD, UNIVERSITY OF MOSUL/ COLLEGE OF SCIENCE/ CHEMISTRY DEPARTMENT

7 1989

MSC, UNIVERSITY OF MOSUL/ COLLEGE OF SCIENCE/ CHEMISTRY DEPARTMENT

6 1983

BSC, UNIVERSITY OF MOSUL/ COLLEGE OF SCIENCE/ CHEMISTRY DEPARTMENT

PROFESSIONAL SKILLS

- Enzymes
- Nutrition
- Oxidative stress
- Hormones
- Life style

PERSONAL SKILLS

- Communication
- Adaptability
- Creativity
- Leadership
- Management

LANGUAGES

- Arabic (Native speaker)
- English (Medium level)

- Syrian (Medium level)

INTEREST

- Travelling
- Scientific conferences
- Sport

POSITIONS

- Reporter of Industrial chemistry Department
- Reporter of clinical pathology Department
- Head of Medicinal chemistry Department
- Head of the promotion committee of medical specialities

RESEARCH INTEREST

Enzymology, Hormones, Nutrition, Lifestyle, Sport, Oxidative stress, Disorder in metabolic diseases

PUBLICATIONS

- Husni Mohammed Hasan, Suad Yousif Alkass and Daniele Suzete Persike de Oliveira. Impact of Long-Term Cyclamate and Saccharin Consumption on Biochemical Parameters in Healthy Individuals and Type 2 Diabetes Mellitus Patients. *Medicina* (2023). <https://doi.org/10.3390/medicina59040698>
- Abdulrahman MA, Alkass SY, Mohammed NI. Total and free vitamin D status among apparently healthy adults living in Duhok Governorate. **Scientific Reports** | (2022) 12:1778 | <https://doi.org/10.1038/s41598-022-05775-x>
- Persike DS, Alkass SY. Challenges of post-traumatic stress disorder (PTSD) in Iraq: biochemical network and methodologies. A brief review. *Horm Mol Biol Clin Invest* 2020; 41(4): 20200037. <https://doi.org/10.1515/hmbci-2020-0037>

- Jawzal KH, Alkass SY, Alan Hassan AB, Abdulah DM. The effectiveness of military physical exercise on irisin concentrations and oxidative stress among male healthy volunteers. *Horm Mol Biol Clin Invest* 2020; aop. <https://doi.org/10.1515/hmbci-2020-0007>.
- Azeez OH, Alkass SY, Persike DS. Long-Term Saccharin Consumption and Increased Risk of Obesity, Diabetes, Hepatic Dysfunction, and Renal Impairment in Rats. *Medicina* **2019**, *55*, 681; doi:10.3390/medicina55100681. www.mdpi.com/journal/medicina
- Alkass SY, Al-Habib AM, Jasim KH. Impact of nuts consumption on blood pressure, glycemic status, lipid profile and total protein in healthy human volunteers. *Science Journal of University of Zakho*. Vol 2 No 2 (2014): December, 2014. <http://sjuoz.uoz.edu.krd/index.php/sjuoz/article/view/189>
- Al-Habib AM, Alkass SY, Jasim KH. Impact of nuts consumption on antioxidant status and pro-oxidant parameters in healthy human volunteers. *Journal University of Zakho*, Vol. 4(A) , No.1, Pp 9-17, 2016. <http://sjuoz.uoz.edu.krd/index.php/sjuoz/article/view/299>
- Alkass SY, Yousif SA, Hamid FH, Alhamadany AM. Effect of Cyclosporine on the Relevant Biochemical Parameters in Renal Transplantation Patients in Mosul/Iraq *JOURNAL OF EDUCATION AND SCIENCE*, 2013, Volume 26, Issue 5, Pages 210-220. https://edusj.mosuljournals.com/article_163070.html
- Mohammed EY, Al-Timimi DJ, Alkass SY, Almehdi AH, Mohammed AI. Serum Nitric Oxide as a Biochemical Marker for Diabetic Nephropathy. *Journal of Advanced Biomedical & Pathobiology Research* Vol.4 No.1, March 2014, 16-26.
- Alkass SY. Serum proteins in rickets patients and their mothers. *Journal of Techniques*. 2009, Volume 22, Issue 2, Pages 35-40. <https://www.iasj.net/iasj/article/34805>.
- Khalid BS, Alkass SY. *GLYCEMIC AND ATHEROGENIC STATUS AMONG DUHOK UNIVERSITY STAFF WITH NO COMORBIDITIES RECOVERED FROM COVID-19*. *DMJ*, Volume 17, No 1, 2023.
- Alkass SY, Ahmad SY, Hamid MF, Alhamadany AY. Effect of Cyclosporine on the Relevant Biochemical Parameters in Renal Transplantation Patients in Mosul/Iraq . *J of education and Science*, Volume 26, No5, 2013.
- Eman MA, Al-Timimi DJ, Alkass SY. Serum nitric oxide as a biochemical marker in diabetic nephropathy. *J of advanced biochemical and Path. Bio*. Volume 4, No 1, 2014.
- Alkass SY, Ahmad TY. Study of some biochemical parameters for rachitic patients and their mothers. *Altaqani*, 12th conference, 2011
- Alkass SY, Hammodat ZMA, Al-Ameen SM. Study of some biochemical parameters for pregnant women. *Altaqani*, Volume 24, No 7, 2011.

- Alkass SY, Adris TY. Spectrophotometric determination of saccharin by coupling with diazotized 4- nitro aniline. Altaqani, Volume 2, No 1, 2008.
- Adris TY, Alkass SY. Spectrophotometric determination of uric acid by coupling with diazotized 4- nitro aniline. Rafidain J of Science. Volume 15, No 2, 2004.
- Ahmad TY, Alkass SY. Reference values of adenosine 3,5-cyclic mono phosphate to creatinine in urine. Altaqani, Volume 17, No 2, 2004.
- Alkass SY, Ahmad TY, Aljawary MR. Isolation and the antibacterial evaluation of the proteinaceous fraction from the leaves of Euphorbia biglandulosa. Technical research journal, Volume 14, No 95, 2001.
- Alkass SY. Spectrophotometric microdetermination of metoclopramide after diazotization and coupling with orcinol. Technical Research Journal, No 65, 2000.
- Alnajafi TS, Alkass SY. Study of some metabolic effects of adrenaline. Iraqi Journal of Chemistry, Volume 16, No 1, 1991.
- Alnajafi TS, Alkass SY. Study of some metabolic effects of Insulin. Rafidain J of Science, Volume 8, No 2, 1997.
- Alnajafi TS, Alkass SY. Study of Metabolic effects of cortisol, Altaqani, 6th Conference March, 1998.

PARTICIPATION IN INTERNATIONAL CONFERENCES.

- Poster presentation in 21st International Congress ‘Paris Redox 2019’ Organized by **International Society of Antioxidants**. 21-22 June 2019.
- Poster presentation in the 7th International Electronic Conference on Medicinal Chemistry
01–30 November 2021, online. ecmc2021.sciforum.net
- Article presentation in the 5th Forum for Women in Science without borders. Organized by the University of Duhok, Kurdistan Region of Iraq. 8-10 March 2021.
- Article presentation in the 3rd Virtual International Conference of Chemistry. Organized by the Department of Chemistry, College of Science, University of Basrah. 14-18 February 2021.
- Two oral articles presentation in the 8TH INTERNATIONAL BLACK SEA COASTLINE COUNTRIES SCIENTIFIC RESEARCH CONFERENCE held on August 29-30, 2022 / Sofia, Bulgaria.
- Two Poster presentations in WORLD FORUM FOR WOMEN IN SCIENCE, Malaysia/ 2022 from 12th to 15th September 2022.
- Two oral articles presentation in the Second Scientific international conference for Biology and Pure Science from October 19-20, Mosul/ Iraq, 2022.

HONORS AND AWARDS

2018-2019	Honorable mention from the Presidency of University of Duhok.
2019-2020	Honorable mention from the Presidency of University of Duhok.
2020-2021	Honorable mention from the Presidency of University of Duhok
2020-2021	Honorable mention from the Ministry of Higher Education, Kurdistan region of Iraq.
2021-2022	Honorable mention from the Presidency of University of Duhok.
2021-2022	Honorable mention from the Presidency of University of Duhok. On publishing an article in a journal with an impact factor

SUPERVISION OF THE POST GRADUATE STUDENTS

5 MSc Students
3 Ph D Students

OTHER ACTIVITIES

Working with the communities

Visiting many camps of the internal displaced persons with a colleagues and students for:

- Pharmaceutical assistance
- Disease monitoring
- Teaching them how to make homemade medications and ecofriendly soap from cooking oil