

CURRICULUM VITÆ



Mob. No. 07723424339

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للتخصص: ماجستير الكيمياء الحياتية

العنوان: منزل رقم 17 ، زقاق 35، حي القاهرة، بغداد ، العراق

تاريخ الميلاد: 29 يناير 1992

➤ الاهتمامات البحثية :

- ❖ الكيمياء الحيوية (Biochemistry)
- ❖ المعلوماتية الحيوية (Bioinformatics)

➤ مهارات البحث العلمي:

- **Bioinformatics:** Homology Modelling, Molecular Docking, Molecular Dynamic Simulations using GROMACS, AUTODOCK, MODELLER, SPARTAN, CHIMERA, RasMol, BLAST, SPDBV, , Bio Edit, Crustal W&X softwares.
- **Molecular Techniques:** SDS-PAGE, PAGE, TLC, Ion Exchange Chromatography, Protein Extraction and purification techniques.
- **Instruments Known:** Centrifuge (High speed), Incubator, Spectrophotometer, Hot Air Oven, Photoelectric colorimeter, U. V. Chamber, Laminar Air Flow Cabinet. Etc.
- **Computer Skills:** Working knowledge of MS Office (Word, Excel, Power point) and Internet.
- **Language Skills:** Good command of oral and written English.

➤ الاستحصال الدراسي

- 2011-2015 بكالوريوس علوم كيمياء/ الجامعة المستنصرية
- 2016-2018 ماجستير كيمياء حيوية / الهند
- 2018-2019 دبلوم عالي في المعلوماتية الحيوية / الهند
- 2018-2021 طالب دكتوراه في الكيمياء الحيوية

➤ الخبرة البحثية:

- ✓ **July 2017 to April 2018: M. Sc. Biochemistry Research project,**

“A Study on Correlation Between Serum Creatinine, Estimated Glomerular Filtration Rate (EGFR), Calcium, Phosphorus, Uric Acid, Vitamin D , Parathyroid Hormone, and Alkaline Phosphatase in Patients with Chronic Kidney Disease”.

✓ **August 2018 to May 2019 : P. G. Diploma in Bioinformatics Research project,**
“Study on destabilization of amyloid beta peptide using α -aminoisobutyric acid: An in-Silico approach”.

✓ **July 2018 to July 2021: Ph.D. in Biochemistry Research project.**
“Studies on Aggregation inhibitors of amyloid beta peptide and their role in Alzheimer’s disease”.

➤ **البحوث المنشورة:**

1-Published Paper.

Ali Mohammed, Dr.Harshal Anil Patil. (2018). A Study on Correlation Between Serum Creatinine, Estimated Glomerular Filtration Rate (EGFR), Calcium, Phosphorus, Uric Acid, Vitamin D , Parathyroid Hormone, and Alkaline Phosphatase in Patients with Chronic Kidney Disease.

2-Published Paper.

Sonawane, K., Barale, S. S., Dhanavade, M. J., Waghmare, S. R., Nadaf, N. H., Kamble, S. A., ... & Naik, N. M. (2020). Homology modeling and docking studies of TMPRSS2 with experimentally known inhibitors Camostat mesylate, Nafamostat and Bromhexine hydrochloride to control SARS-Coronavirus.

3- Published Paper.

Mohammed M. Shabra, Sarmad Falih Mohammed, Ali Abdulmawjood Mohammed (2022). Studies on Antimicrobial And Antifungal Surfactant-Like Biomolecule From Soil Isolate.

4- Published Paper.

Abdul Faris Hussein¹, Zahraa J. Mohammed¹, Sarmad Falih Mohammed¹, Safa M. Abdulateef¹, Dina Hamid Sahib¹, Ali Abdulmawjood Mohammed¹, Saif Ali Mohammed Hussein¹, Mohammed M. Sharba¹ (2022). Assessment and Correlation of Vitamin D, Urea, RBC, serum Creatinine and EGFR Levels in Patients with Chronic Kidney Disease.

5- Published Paper.

Zahraa J. Mohammed, Mohammed M. Sharba, Ali Abdulmawjood Mohammed (2022). The Effect of Cigarette Smoking on Haematological Parameters in Healthy College Students in the Capital, Baghdad

➤ **المؤتمرات العلمية**

1- Poster presentation in “Symposium on Accelerating Biology 2020 digitizing life”

Organized by Bioinformatics group, Center for Development of Advanced Computing
C-DAC Pune, India 04-06th February 2020.

2-Poster presentation in “**Infectious Diseases and Immunopathology**” organized by The
Department of Biotechnology, Pune University, 22nd-06th April 2021.

➤ الشهادات الحاصل عليها:

✓ ورشات العمل:

Department of Bio-Chemistry, Shivaji University, Kolhapur "**Research as Career:
Opportunities Abroad and Associated Preparations**"

✓ شهادة :

Aptech English Learning Academy, **for competing the following course Beginners Course
in English.**