

Curriculum Vitae (CV)



Hamzah Hashim Kzar/ Assistant professor

Full name: Hamzah Hashim Kzar Lawi Al-Shukri (Hamzah H. Kzar)

Place of birth: Al-Qasim, Babylon, Iraq

Date of birth: 1 Oct. 1972

Nationality: Iraqi

Language : Arabic and English

Place of work: physiology, chemistry, and pharmaceuticals department, veterinary college, Al-Qasim Green University

Present Position: Head of chemistry department

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Academic websites:

<https://www.scopus.com/authid/detail.uri?authorId=57188835064>

<https://www.researchgate.net/profile/Hamzah-Hkzar>

<https://orcid.org/my-orcid?orcid=0000-0002-6215-3681>

<https://publons.com/researcher/2995551/hamzah-h-kzar/>

الاسم الكامل: حمزه هاشم كزار لاوي الشكري

مكاون الولاده: بابل/ القاسم

تاريخ التولد: 1972/7/1

الشهادة: دكتوراه

التخصص/ كيمياء حياتية سريرية

اللقب العلمي: أستاذ مساعد

Academic Scientific Rank

- Assistant Prof. (clinical biochemistry) at 24/4/2021
 - lecturer (clinical biochemistry) at 4/2/2016
 - demonstrator (chemistry) at 1/10/2007
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Qualification

- Ph.D.(Clinical biochemistry), Collage of medicine, Babylon University, Iraq (2020).
 - M.Sc.(Clinical biochemistry), college of medicine, Babylon university, Iraq (2015).
 - B.Sc. (Chemistry), College of science, Babylon university, Iraq(1994).
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Title of M.Sc. Thesis

Biochemical and Genetic Study on Patients with Sporadic Colorectal Cancer in Babylon Province.
Department of biochemistry, college of medicine, university of Babylon

Title of PhD Thesis

Nanodrugs Effects on Gene Expression of Hypoxia Inducible Factor-1 Alpha in women with Breast Cancer
Department of biochemistry, college of medicine, university of Babylon

Title of B.Sc. project

Study of the optical activity of different monosaccharide that extracted from Citrus peels

The most important scientific and administrative achievements last:

- 1- Teaching as an external (lecturer): science, dentistry, biotechnology and veterinary medicine.
 - 2- Education for primary studies: life chemistry - clinical life chemistry - theoretical - and practical part.
 - 3- Postgraduate Studies: Advanced Life Chemistry - Clinical Life Chemistry - Genetics - Biotechnology.
 - 4- Languages: English as well as mother tongue (Arabic).
 - 5- Membership of scientific and literary societies: Member of the Association of Iraqi Chemists, member of the Diabetes Association, member of the Teachers Association Babel branch.
 - 6- Member of the editorial board of the international magazine and another invitation was presented to me as an editor in a magazine within the scopes.
 - 7- Member of the editorial board of the Medical journal of Babylon /Iraq.
 - 8- Member of the editorial board of the Al-Kufa Journal for Biology/Iraq
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Courses taught

undergraduate

- Biochemistry
- Practical Clinical biochemistry
- Chemistry of diseases
- Enzymology

Postgraduate

- Advance biochemistry
 - Cell signals
 - Clinical enzymology
 - Molecular biochemistry
 - Biochemistry of parasites
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Skills and expertise

- Enzymes

- Proteins
- Protein Purification
- Enzyme Activity
- Enzymology
- Protein Biochemistry
- Insulin
- SDS-PAGE
- Protein Separation
- Enzyme Purification
- Protein Chromatography
- Protein Chemistry
- Ion Exchange Chromatography
- Protein Analysis
- Electrophoresis
- PCR
- Protein Electrophoresis
- Oxidative Stress
- Antioxidants
- Genotyping
- Glutathione S-Transferase
- Gel Filtration Chromatography
- Gel Electrophoresis
- Gel Chromatography
- Glutathione
- Polymorphism
- Affinity Chromatography
- Restriction Fragment Length Polymorphism
- Free Radicals
- Protein Characterization

Publications

1-Evaluating the Superoxide Dismutase-1 status in Wild Type and Mutant at codons 12 and 13 of KRAS gene Spectrum for the Patients with Sporadic Colorectal Cancer.

2-Assessment of antioxidant status in different genotypes/phenotypes at codon 72 of TP53 gene for patients with sporadic colorectal cancer in Babylon province.

3-Assessment of Antioxidant Status and Ceruloplasmin in Early and Advanced Stages of Sporadic Colorectal Cancer Patients whom Receiving Adjuvant Chemotherapy.

4-Study the Ascorbic Acid Levels, Lipoprotein Ratio and Hypocholesterolemia Action of Dry Okra Extract on Experimental Model of Locally Male Rabbits.

5-Evaluation of Oxidative Stress Status: Total Antioxidant Ratio in Serum of Patients with Metastasis and Non-metastasis Lung Cancer in Babylon Province.

6-Hypoglycemic effect of boiling aqueous extract of palm heart on alloxan- induced diabetic model of locally rabbits.

7-Study Some of the Risk Factors on Total Antioxidant Capacity in Iraqi Patients with Sporadic Colorectal Cancer

8-Effects of grape seed oil (*Vitis vinifera*) on fertility of male local rabbits

9-Biochemical and Genetic Study on Patients with Sporadic Colorectal Cancer in Babylon Province.

10-Study the Ascorbic Acid Levels, Lipoprotein Ratio and Hypocholesterolemia Action of Dry Okra Extract on Experimental Model of Locally Male Rabbits.

11. Study the cytochrome P450 gene expression changes in Iraqi patients with chronic liver disease.

12. Spectrum of Human Growth Hormone Receptor Gene Polymorphisms in Physiological Obese Subjects in Babylon province, Iraq.

13. DFT investigation of BN, AlN, and SiC fullerene sensors for arsine gas detection and removal

