

Assist. Lecturer Ghufraan Saad Nsaif

Department of Medical Laboratory Techniques

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Education:

MSc, University of Mustansiriyah , Year 2018

BSc, University of Mustansiriyah , Year 2014-2015

Profile:

After completing my Bachelor's degree, I worked as an external lecturer in the Department of Pharmacy, Al-Nahrain University for the academic year 2019-2018. I worked in a special laboratory for pathological analyzes from 2015 to 2020, I started working in the Department of Medical Laboratory Technologies, Al-Farabi University College in 2020

Teaching

• General Chemistry / Theoretical + Practical First Stage

General chemistry is the study of matter and energy and the interactions between them. This is an overview of general chemistry topics, such as acids and bases, atomic structure, periodic table, chemical bonds, chemical reactions.

Biochemistry / theoretical + practical second stage

This course aims to teach the student the metabolism and metabolic pathways of carbohydrates, fats and salts in detail in the nutrition and metabolic unit. Introduce the student to the basic principles related to pathological analyzes in relation to clinical chemistry.

Advanced Clinical Chemistry/Theoretical four Stage

The curriculum vocabulary includes topics in the theoretical and practical foundations of laboratory tests in clinical chemistry for various diseases, with special emphasis on urinary system examinations and examination of some other organs that are biochemical components, and the introduction of important experiments with modern techniques in laboratory diagnosis so that it gives the student a new opportunity to learn about qualitative tests .

Research Focus

I am interested in research and scientific articles on chemistry, and specifically scientific research specialized in the field of biochemistry, linking it with molecular biology, clinical bichemistry, and publishing research in this scientific field.

Publications

- 1- Relationship between Breast cancer and Vitamin A and Family history of Iraq women population.
- 2- Estimation of uric acid in Iraqi women with breast cancer.
- 3- Evaluation of Estradiol and Some Antioxidant in Breast Cancer Iraqi Women.
- 4- The OGG 1 Ser326cys gene Polymorphism and breast tumor risk of Iraqi Women.(Research Journal of Pharmacy and Technology).
- 5- The effect of e-Cigarettes Smoking on Expression and Methylation of CYP1A1 and CYP1B1 Genes and other Biochemical Parameters.
- 6- Changes in Interleukins and Follicle Stimulating Hormone in Toxoplasmosis Male Patients.

Affiliations/Activities

- 1- Teaching Methodology course
- 2- DNA, RNA extraction and PCR sequencing
- 3- principle of Elisa
- 4- principle of RFLP and Allele
- 5- Internal audit according to the international standard ISO-IEC-17025
- 6- Estimation of measurement uncertainty according to the international standard ISO-IEC-17025
- 7- Giving training courses to students in external research centers in biochemistry