

# Lecturer Zena Abdullah khalaf

Department of optic techniques

Lecturer of Biochemistry

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## Education:

PhD, University of Al-Nahrain, Year 2021

MSc, University of Al-Nahrain, Year 2012

BSc, University of Al-Nahrain, Year 2009

## Profile:

4 years of academic work in Alfarabi university college

I was teaching chemistry – Biochemistry – and pharmacy to different departments (optics and lab techniques and biology departments) (practical and theoretical parts) working for 2 years as a member in the electronic education team of Alfarabi

## Teaching

- Chemistry (theoretical ) + practical
- Biochemistry (theoretical ) + practical
- and pharmacy theoretical )

## Research Focus

- 1- Biochemistry - Enzymes (MSc)
- 2- Biochemistry – Hormones (Ph.D)

## Publications

- 1- Detection of *Foxp3* and *IL-10* gene expression and immunological biomarkers in hyperthyroidism patients treated with radioactive iodine. (2021)
- 2- Extraction, purification and characterization of asparaginase enzyme from *Pisum sativum* and determination of their cytotoxic activity. (2012)
- 3- Autoimmune thyroid antibodies as a novel biomarkers for the recovery of hyperthyroidism patient treated with radioactive iodine. (2020)
- 4- *Foxp3* and *IL-10* overexpression: A novel diagnostic biomarkers in Iraqi patients having hyperthyroidism treated with radioactive iodine. (2021)

## Affiliations/Activities

لا يوجد No affiliations