**Ayad F. Palani**

Msc, Ph.D Biochemistry

Gender: Male

Scientific Title: Assist prof.

Date &Place of Birth: 29-10-1979. Anbar, Iraq.

Affiliation: University of Garmian, college of Science, department of Chemistry

Address: University campus, Bardaswr, kalar, Iraq

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**Education and Quantifications**

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| **Level** | **Subject** | **Date** |
| **PhD** | Biochemistry / *University of Tikrit* | 2014 |
| **MSc** | Chemistry, Biochemistry / *University of Al-Anbar* | 2008 |
| **BSc** | Chemistry / *University of Al-Anbar* | 2003 |

**Professional Profile**

Work at biochemistry laboratories since 2005 including medical and research laboratories. Proficient in conducting variety of techniques in chemistry laboratoreis. The main laboratory experiences are in the assay of (Free radicals, Antioxidant, DNA damage, Hormones).

Teaching and training in chemistry and Biochemistry since 2008.

**Experience in Laboratory work**

* 2005-2008 working in laboratories of kalar general hospital (governmental hospital)
* 2005-2011 working at Shiraz medical laboratory (private laboratory)**;** Performing ELISA technique, as well as quantitative and qualitative examinations of different biochemical tests.
* 2011 till now working at Zanko clinical laboratory (private laboratory), Performing ELISA technique, , various automated hormone analysers as well as quantitative and qualitative examinations of different biochemical tests (vitamins, enzymes etc.).

**Experience in Teaching**

**2006-2008 Lecturer, college of education, university of Garmian**

* Teaching practical organic chemistryfor chemistry students

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| **2008** | **Lecturer Assistant, college of education, university of Garmian** |

* Providing comprehensive lessons in Medical Microbiology for 2nd year students, ensuring they fully understand all components, and are completely engaged with lessons.
* Additionally responsible for teaching the general biotechnology course to first year students.

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| **2011**-**2015** | **Lecturer, college of education, university of Garmian** |

* Teaching theoretical biochemistry for chemistry students
* Teaching practical biochemistry for chemistry students
* Teaching theoretical biochemistry for biology students
* Teaching practical biochemistry for biology students
* Supervisor of many research projects for chemistry students

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| **2011**-**2013** | **Lecturer, college of agriculture, university of Halabja** |

* Teaching theoretical general chemistry for department if field crops students
* Teaching practical general chemistry for department if field crops students

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| **2014**-**2015** | **Lecturer, college of agriculture, university of Garmian** |

* Teaching theoretical general chemistry for department if animal wealth students
* Teaching practical general chemistry for department if animal wealth students

**Experience in Administration**

**2009-2010** Decider of chemistry dept., college of education, university of Garmian

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| **2015-2018** | Head of chemistry dept., college of Science, university of Garmian |

**Publications**

* Study the Effect of Some Biochemical Changes in Seminal Fluid of Patients with Oligospermia, Journal of Anbar University For Pure Sciences , vol. 1 (3), 2009.
* Role of Oxidative Stress in Semen Quality of Infertile Men. Journal of Anbar University for Pure Sciences, vol. 8 (2), 2014.
* Role of Hormones in the Regulation of Antioxidants in Female Infertility. Journal of garmian University, vol 10, 016.
* Effect of phenolic compounds extract of *S. melongena* peels on sugar levels and biochemical parameters in alloxan-induced Diabetic rats, karbala journal of pharmaceutical sciences. vol 11, 2016.
* Effect of serum antioxidant levels on sperm function in infertile male, Middle East Fertility Society Journal, Volume 23, Issue 1, Pages 19-22, March 2018.
* Impact of Trace Elements in the Seminal Plasma on Sperm Quality in Infertile Men, ZANCO Journal of Pure and Applied Sciences. Vol 29 No 4 (2017).
* Alteration of Some Heavy Metals and Kidney Function Tests in Serum of Crude Oil Station Workers
* Journal of garmian University, Volume 5, Issue 2, Spring 2018, Page 59-66.

**Conferences**

* Scientific conference in Tikrit university., without research paper , march 13th , 2012.
* Role of Oxidative Stress in Semen Quality of Infertile Men. The 1st scientific conference of Garmian University. April 8th -9th, 2014.
* Hormonal Regulation of Antioxidants and Sperm Activity, conference of biology department, university of tikrit, 2015.
* Malondialdehyde of Frozen Meat in Kalar City Markets. The 2nd scientific conference of
* Garmian University, May 6th and 7th, 2015.
* Impact of Trace Elements in the Seminal Plasma on Sperm Quality in Infertile Men, International Conference and Workshop on Basic and Applied Sciences, Erbil-KRG-IRAQ. March18th-19th,2017.

**Workshops and training Courses**

* Canadian global entrance, (Training 101 course) for teaching skills, 13-14/11/2013.
* Green peace organization for protection of the Environment / how to use plastic bottles, 27/10/2013.
* Microscopy, by Mieji company (Japan), 28-29/1/2013.
* E-commerce, workshop of computer department, college of science, 2016.
* Teaching chemistry using modern styles, workshop of chemsitry department, college of science May 4th, 2016.
* Microscopy and Microtomoy, at biology department, college of education. May 4th , 2017.

**Personal Details**

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| **Languages:** | Fluent in Kurdish , Arabic and English  |
| **Interests include:** | Football and Reading |