



Name: Kawther Faisal Amawi

E-Mail: kamawi@zu.edu.jo

Scientific Field: Histology & embryology/
Applied Biology

Academic Rank: Associate professor



QUALIFICATIONS:

1.	B. Sc. In Applied biology Specialty: Microbiology Sciences Jordan University of science and technology
2.	Ph. D. in biology 2009 “Study of cytoskeletal element dynamics in vivo and in vitro in infiltrating ductal breast carcinoma by means of immunohistochemical techniques. The role of tumour promoter PMA in signal transduction via Protein Kinase C (PKC) Specialty: Histology & embryology. National and Kapodistrian University of Athens(Athens/ Greece)

PROFESSIONAL OBJECTIVE(S):

- Immunofluorescence.
- Immunoassays: Immunoblot, Elisa.
- Microtechnique.
- Proteins and Hb electrophoresis.
- Histochemistry.
- Ultrastructure.
- Histological Staining.
- Tissue Fixation.
- Tissue Preparation.
- Microtomy.
- Microscopic Anatomy.



TEACHING EXPERIENCE:

#	Job title	Place	Period
1.	Assistant Professor	Zarqa University	2010-2019
2.	Head of Medical Laboratory Department	Zarqa University	2019-2023
3.	Dean of Allied Medical Sciences	Zarqa University	2023-Till Now

PUBLICATIONS:

#	Title	Publisher	Year/issue/volume no.
1.	Nrf-2-dependent antioxidant and anti-inflammatory effects underlie the protective effect of esculeoside A against retinal damage in streptozotocin-induced diabetic rats	Biomedicine & Pharmacotherapy	2024
2.	Protective Effects of Secoisolariciresinol Diglucoside on Arsenic-induced Renal Damage and Oxidative Stress in Rats	Jordan Journal of Biological Sciences	2023
3.	Association of Serum Vitamin D Concentrations with Dietary Intake in a Sample of Jordanian Students	Research Square	2023
4.	Genetic Identification of Methicillin-Resistant Staphylococcus aureus Nasal Carriage and Its Antibiogram among Kidney Dialysis Patients at a Tertiary Care Hospital in AL-Karak, Jordan	International Journal of Microbiology	2023
5.	Sub-genotypes of hepatitis C virus in the Middle East and North Africa: Patterns of distribution and temporal changes	Infection Genetics and Evolution	2023
6.	Evaluation of serum Vitamin D levels according to gender and age in the population of Amman City, Jordan	Bioscience Research	2023



7.	Evaluation of the Antimicrobial Activity of Bacteriocin-Producing Lactic Acid Bacteria Isolated from Human Intestine against Pathogenic Microorganisms	Tropical Journal of Natural Product Research (TJNPR) /	2023
8.	A New Approach Using Integral Transform to Solve Cancer Models	Fractal and Fractional	2022
9.	Prediction of breast cancer using neural network analysis is effective	Journal of RNAi and Gene Silencing	2022
10.	Prevalence of iron insufficiency anemia amongst nonpregnant, childbearing age females resides in Al-Salt City, Jordan	Bioscience Research	2021
11.	Multidrug-resistant Bacterial Profile and Patterns for Wound Infections in Nongovernmental Hospitals of Jordan	Journal of Pure and Applied Microbiology	2021
12.	COMPOUND EXPRESSION OF INDUCIBLE NITRIC OXIDE SYNTHASE (INOS) AND P53 IN PROSTATE TISSUE OF DIABETIC RATS	Gorteria	2021
13.	The compound expression of HSP90 and INOS in testis of diabetic rats as cellular and pathologic adverse effects of diabetes	Analytical Cellular Pathology	2020
14.	Urtica Pilulifera in Treating Pre-diabetic Rat Model to Control the Blood Glucose, Lipids and Oxidative Stress	Medical Archives.	2020
15.	Diabetes upregulates the expression of HSP90 and downregulates HSP70 in the liver of diabetic rats	Comparative Clinical Pathology	Volume 28, Issue 2 (2019)
16.	The Variations in Blood Pressure Values in Deadsea and Sea Level in Jordan are not Influenced by the Level of Angiotensin li	European Scientific Journal	vol.12 (2016)





17.	The Impact of Both Physical Exhaustion and Disruption of Circadian Rhythm on Blood Coagulation Factors in Rats	Advances in Life Science and Technology	Vol 7 (2013)
18.	Effect of Lepidium Sativum on Lipid Profiles and Blood Glucose in Rats	Journal of Physiology and Pharmacology Advances	2012
19.	Altered expression pattern of integrin alphavbeta3 correlates with actin cytoskeleton in primary cultures of human breast cancer	Cancer Cell International	2007

BOOK:

#	Title	Publisher	Year
1.			

TRANSLATED BOOKS:

#	Title	Authors	Publisher	Year
1.				

ARTICLES:

#	Title	Publisher	Year/issue/volume no.
1.			

CONFERENCES:

#	Conference Name	Organizing Institution	Paper title	Period
1.	26o annual HSBS conference, Volos.		Method and applications of primary crops grown cancer cells of breast	May, 2004
2.	27o Panalinio congress E.E.B.E., Nafpilio.	Athens international university	Localization the Integrin $\alpha v \beta 3$ with immunoflourescent labelling in primary culture of human breast cancer	May, 2005
3.	3o congress of Medical school.	Athens international university	Correlation between the expression of $\alpha v \beta 3$ and Factin	2006



			distribution in primary cultures of human breast cancer, Method and applications of primary crops culture of breast cancer cells	
4.	Scientific conference of Greek society of biological science, Ioanina.	Athens international university	The effect of phorbol ester PMA in primary breast cancer cells: Semiquantitative immunohistochemical localization of protein kinas C	May, 2007
5.	"Int. Conf. Chemistry and Biosciences"; ICCB-2017 5-6.	AL Al-Bayt university	The Variations in Blood Pressure Values in Dead sea and Sea Level in Jordan are not Influenced by the Level of Angiotensin li	April, 2017

SUPERVISION OF THESIS:

#	Student Name	Thesis title	University	Year
1.	Mohammad Haylat	STUDYING THE EXPRESSION OF IL-6 AND TNF-ALPHA IN LIVER TISSUE IN RESPONSE TO TYPE 1 DIABETES	Zarqa University	2023
2.	Tariq Saleh	INVESTIGATION OF HSP70 AND HSP90 EXPRESSION IN THE PANCREATIC TISSUE OF RAT MODELS WITH "TYPE 1 DIABETES"	Zarqa University	2023
3.	Ala'a Al-adwan	IMMUNOPHENOTYPING OF CELLS INFILTRATING PANCREATIC TISSUE OF DIABETIC RATS	Zarqa University	2023
4.	Eman Abushora	Exploring the impacts of using magnesium in the management of diabetic profile biochemistry variables	Zarqa University	2024



5.	Toqa Alzyoud	Association of Catalase (rs7943316) and (rs1001179) Polymorphisms with The Risk of Obsessive-Compulsive Disorder (OCD)	Zarqa University	2023
6.	Waed Bani Salameh	Studying the expression of p53 and caspase 3 in the heart of rats with type 1 diabetes.	Zarqa University	2023

COMMUNITY SERVICE ACTIVITIES:

#	Activity	Period
1.		

PERSONAL INFORMATION:

Place and Date of Birth	Irbid	
Nationality	Jordanian	
Marital Status	Married	
Address	Irbid -Jordan	
Telephone No.	Work	7400
	Mobile	0771010175
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