

## RESUME

NAME: Fuad Mansour Abed Al- Hawarat  
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### TERIATARY EDUCATION

#### DOCTOR OF PHILOSOPHY OF BIOLOGY SCIENCE

(PhD)

Faculty of science  
University of Jordan  
Amman, Jordan

2014-2019

#### M.S.c IN BIOTECNOLOGY

Graduate studies faculty  
AL-Balqa Applied University  
Amman, Jordan

2009-2012

#### B.S.c IN BIOLOGY SCIENCE

Faculty of science  
University of Yarmouk  
Amman, Jordan

2000-2004

## OTHER QUALIFICATIONS

place	period	Specialization
Jordan-Amman Rescue and support center	2005-2013	Training in hazardous materials + Treatment of hazardous materials incidents
Prince Al Hussein Bin Abdullah II Academy for Civil Protection	2013-2018	Lecturer
Civil Defence Collage	2018- current	Lecturer

## Courses

Supervising Authority	place	Date	Skill
Specialty Hospital Amman - Jordan	Jordan	3/7-10/10 2004	Respiratory Therapy Course
Civil defince	Jordan	2006	Role in dealing with hazardous materials
Civil defince	Jordan	7-20/2008	مكافحة الحوادث الكيميائية / الجانب الفرنسي
Office Of Antiterrorism Assistance USA	Jordan	12-23/6 2011	instructor development course1
Office Of Antiterrorism Assistance USA	Jordan	2013	instructor development course2
Office Of Antiterrorism Assistance USA	Jordan	30/5-3/6 2010	Chemical and biological, radiological weapons
Office Of Antiterrorism Assistance USA	Jordan	10-14/5 2009	WHM- in Chemical Biological, Radiological, and Nuclear (CBRN) Environments
Office Of Antiterrorism Assistance USA	Jordan	04-22/4 ,2010	Operations in Chemical, Biological, Radiological, and Nuclear (CBRN)
Naif University for Security Sciences	Saudi Arabia	17-21/3 ,2012	Security for the transport of chemical, biological and radioactive on the roads
Center of consultation and training/ Jordan university	Jordan	27/9-6/10 2020	TOT

## RESEARCH EXPERIENCE

PhD project: The Effect of long Term Hypoxia on Cancer Stem Cells and the Impact of the Developed Cell Secretions in Angiogenesis Using Human Umbilical Vein Endothelial Cells (HUVE).

## PUBLICATION

**1-Alhawarat, F. M.,** Hammad, H. M., Hijjawi, M. S., Sharab, A. S., Abuarqoub, D. A., Al Shhab, M. A., & Zihlif, M. A. (2019). The effect of cycling hypoxia on MCF-7 cancer stem cells and the

impact of their microenvironment on angiogenesis using human umbilical vein endothelial cells (HUVECs) as a model. PeerJ, 7, e5990. <https://doi.org/10.7717/peerj.5990>

2-The effect of Crataegus aronia on the Biochemical parameters in Induced Diabetic Rats  
(Accept submission)