

Jood Hashem

Ph.D. in Biomedical Sciences

jood.hashem88@gmail.com

jmhashem@just.edu.jo

Experience

Assistant Professor at Jordan University of Science and Technology Faculty in the College of Applied Medical Sciences

February 2016 - Present

Stem Cell Scientist at Stem Cells Arabia

January 2015 - November 2015 (11 months)

Ph.D. Graduate Student at Texas Tech University Health Sciences Center

September 2008 - June 2014 (5 years 10 months)

Dissertation: Calcium Regulation and Cell Migration in Prostate Cancer Cells

Degree in: Biomedical Sciences with concentration in: Cell Physiology and Molecular Biophysics

Instructor: Lab Methods Course at Texas Tech University Health Sciences Center

2013 - 2013 (less than a year)

Core Courses Tutor at Texas Tech University Health Sciences Center

September 2009 - May 2010 (9 months)

I was a tutor for first year graduate students in courses like: Biochemistry, Biotechnology, Cell Biology, and Human Physiology

BSc thesis research at Jacobs University Bremen

January 2008 - July 2008 (7 months)

PI: Dr. Sebastian Springer Group

Project: The transporter associated with antigen processing (TAP) is active in a post-ER compartment.

Methods: Immunocytochemistry, cell culture, transfection via electroporation, confocal microscopy

Description: The work I did was published in a paper in Journal of Cell Science where I was a co-author

BSc thesis research at Jacobs University Bremen

September 2007 - December 2007 (4 months)

PI: Dr. Klaudia Brix Group

Project: The impact of post-operative ileus on protein expression responsible to maintain intestinal tissue homeostasis and morphology.

Methods: Immunocytochemistry, cell culture, western blot, confocal microscopy, cryosectioning

Intern- Research Assistant at Texas Tech University Health Sciences Center

June 2007 - August 2007 (3 months)

Project: The role of the sodium calcium exchanger in Diabetic and non-Diabetic endothelial cardiomyocytes. Description: In 10 weeks gathered enough data for a publication that was submitted for editorial consideration.

Intern in the IVF lab at Al-Takhasusi Hospital

June 2006 - August 2006 (3 months)

Honors and Awards

The Biophysical Society Award

The Biophysical Society

March 2012

Basic Science Senior 3rd Place

Student Research Week-TTUHSC

March 2012

Basic Science Senior 3rd Place

Student Research Week-TTUHSC

March 2013

Languages

English

(Native or bilingual proficiency)

Arabic

(Native or bilingual proficiency)

Skills & Expertise

Confocal Microscopy

Transfection

Biotechnology

Cell Culture

Immunocytochemistry

Biochemistry

Laboratory

Immunohistochemistry

RT-PCR

Fluorescence Spectroscopy

Spectrophotometry

Cell Biology

Cell Invasion and Cell Migration Techniques

Drug Testing

Protein Expression

Science

RTPCR

TIRF

Flow Cytometry

Sperm Analysis

Stem Cells Separation

Publications and Abstracts

The transporter associated with antigen processing (TAP) is active in a post-ER compartment.

Journal of Cell Science December 15, 2010

Authors: Ghanem E., Fritzsche S, Al-Balushi M, Jood Hashem, Ghuneim L, Thomer L, Kalbacher H, van Endert P, Wiertz E, Tampé R, Springer S

AFM nano-mechanics and calcium dynamics of prostate cancer cells with distinct metastatic potential.

Biochimica et biophysica acta February 16, 2012

Authors: Bastatas L, Martinez-Marin D, Matthews J, Jood Hashem, Hashem J, Lee YJ, Sennoune S, Filleur S, Martinez-Zaguilan R, Park S.

ORAI 1 and Ca²⁺ Oscillations in Prostate Cancer Cells with Distinct Migratory Properties

Under Editorial Consideration

Authors: Jood Hashem, Souad R. Sennoune, Jose F. Perez-Zoghbi, Raul Martínez-Zaguilán

Nano-mechanics of Prostate Cancer Cells on Nano-Scaffolds

Abstract in APS conference 2012

Authors: Lyndon Bastatas,, James Matthews, Jood Hashem, Souad Sennoune, Raul Zaguillan-Martinez

WDLES Conference: 1st Middle East Wound Care and Diabetic Limb Salvage Conference

Speaker: Utilization of Stem Cells in Wound Healing

Education

Texas Tech University Health Sciences Center

Doctor of Philosophy (Ph.D.), Biomedical Sciences, General, 2008 - 2014

Grade: 3.9

Activities and Societies: Senator in the GSA

Jacobs University Bremen

Bachelors, Biochemistry and Cellular Biology, 2005 - 2008
