



Curriculum Vitae

General information

Name: Jamila Daraghmeh

Date of birth: 28 June, 1982

Nationality: Palestinian

Marital status: Married

Office Address: Faculty of Sciences, Biology and Biotechnology Department, Arab American University- Jenin/Palestine.

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Education

6/2000: Tawjehi; Arraba Secondary School

9/2000- 6/2004: B.Sc. in Biology and Biotechnology, Arab American university- with excellent standing

2/2010- 12/

2011: Master degree, Biology and Biotechnology (Thesis in Molecular Biology, Germany) An-Najah University (ETS) Family Factors: Role and Cooperative Interactions in Prostate Cancer.

Practical Experience

10/2004-10/2005 teacher assistant in biology labs, Arab American U university

10/2005-10/1012 technician in Biology labs, Arab American University

10/2012-10/2017 instructor in biology and biotechnology department

10/2017 until now lecturer /Phd.student

Computer Skills

MS Windows, MS Word, e-mail, Internet
24 hours training (MS office applications 2007)

Other Experience

- Microbiological techniques: media preparation, maintaining stock culture, performing biochemical tests (on bacteria).
- Genetics techniques: karyotyping of human blood cells, classical genetics (culture preparation of drosophilae and maintaining stocks, etc...)
- Handling with autoclave, light-microscope, incubators, centrifuge, Elisa, and spectrophotometer.
- Molecular techniques: gel (agarose) electrophoresis, DNA and RNA extraction , ,PCR,RT-PCR
- Microbiological techniques: Media preparation, maintaining stock culture, performing biochemical tests.
- Cell Culture techniques: Mammalian (Transient & stable) cell transfection, Maintaining of various types of cell lines, Cryopreservation, Cell viability tests such as MTT and, preparing media, inverted microscope, cell counting.
- Research work in study the effect of certain Palestinian plants on prostate cancer cell lines.

Publication

- Ahmad, MA, Naji, Ramadan, Daraghme, A, J, Jaradat, and N, I (2014) *Screening of Rutin from Leaves Extracts of Wild Plants in Palestine*. United States of American Research Journal 2: 22-27.
- Jamila Daraghme¹, Waseim Barriah², Bashar Saad^{1,2} and Hilal Zaid^{1,2} (2016) Analysis of the PI3K pathway components in human cancers.
- Saad B^{1,2*}, Embaslat WH¹, Farich BA¹, Mahajna S², Azab M², Daraghme J², Khasib S¹ and Zaid H^{1,2} .Hypericum triquetrifolium Extracts Modulate IL-6, IL-10 and TNF- α Protein and mRNA Expression in LPS-Activated Human Peripheral Blood Mononuclear Cells and THP-1-Derived Macrophages.
- Omar Said,¹ Iyad Khamaysi,² Abdalsalam Kmail,³ Stephen Fulder,¹ Basheer AboFarekh,⁴ Riyadh Amin,¹ Jamila Daraghme,³ and Bashar Saad.2020 , In Vitro and Randomized, Double-Blind, Placebo-Controlled Trial to Determine the Efficacy and Safety of Nine Antiacne Medicinal Plants
- Jamila Daraghme and Hamada Imtara. 2020. In Vitro Evaluation of Palestinian Propolis as a Natural Product with Antioxidant Properties and Antimicrobial Activity against Multidrug-Resistant Clinical Isolates.journal of food quality.
- Jamila Sameer Daraghme, Bayan Mustafa Mansour, Asmaa Yousef Kmail, Iqab Ghalib Daraghme.2021. Comprehensive Analysis of TGF β & β – Catenin Components in Various Human Cancer Tissues. Journal of Applied Biotechnology.

- **Scholarships:** Zamallah scholarship for scientific research 2018/Italy

Conferences

- Shahinaz Mahajna^a, Hilal Zaid^{a,b}, Jamilla Daragmeh^b and Bashar Saad^{a,b} In vitro Evaluations of Cytotoxicity and Anti-inflammatory Effects of Peganum harmala Seed Extracts in THP-1-derived Macrophages **The 15th International Congress of the International Society for Ethnopharmacology”Petra-Jordan May, 5th- May, 8th (2015).**
- Jamila Daragmeh¹, Waseim Barriah², Bashar Saad^{1,2} and Hilal Zaid^{1,2} (2015) Analysis of the PI3K pathway components in human cancers
2nd International Conference on Science, Technology, Engineering and Management 2015.

**International Proteomics and Metabolomics Conference 25th of June
University of Novara, Italy, 2018.**

Main Responsibility

- Teaching biology for medical students’ course .Pre-biology, undergraduate research
- Teaching labs. General biology, Biochemistry, plant cell culture, and molecular biology.
- Advising faculty on experimental work and participating in faculty meetings for laboratory courses.
- Maintaining facilities and equipment and procuring supplies.
- Supporting the on-going development of the laboratory research

Languages

Arabic (mother language)

English (very good):

- 24 hours training course in interactive English
- Certificate in English proficiency

