

Shurooq Muhammad Ismail

Lecturer

Biology & Biotechnology Department

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Education

2009-2011 M.Sc. Plant Sciences, Rheinische Friedrich-Wilhelms-Universitat. University of Bonn , Bonn, Germany, Average : (1.8) (German Grading System)

Thesis' title: Bacterial Species Associated with Parsley (*Petroselinum crispum*) and Other Herbal Plants and Their Interactions with Plants

2007-2008 Degree of Honor, An-Najah National University , Nablus, Palestine

2004-2008 B.Sc. Biology-Minor Biotechnology, An-Najah National University , Nablus, Palestine Average: (87.1%),

2003-2004 Certificate of General Secondary Education Examination, Tawjihi, Scientific Stream, Average: (87.4%)

Work Experience

2012-present Teacher and lecturer. Dept. of Biology and Biotechnology, Faculty of Science, An-Najah National University, Nablus, Palestine.

Research Interests

- Plant microbe interactions
- Medicinal Plants.
- Plant molecular engineering

Scholarships and Awards

- Erasmus + International Mobility for Staff teaching and training activities in Public University of Navarra (UPNA), Spain (15th- 21st of June, 2019).
- German Academic Exchange Service (DAAD) that supported my Master studies in Germany (June 2009 - December 2011).
- An-Najah National University Outstanding Students Grants (2006-2008).

Teaching Experience

Lecturer of the following courses:

- Biodiversity
- General Biology 1
- Bioinformatics
- Practical General Biology I
- Practical General Biology II.
- Practical plant diversity
- Practical plant physiology
- Practical genetics
- Practical Ecology
- Practical zoology
- Practical biodiversity
- Practical Microbiology
- Practical Applied biotechnology I
- Plant Microbe Interactions (this course was designed and prepared by me)
- Seminar
- Graduation Project

Skills

- Molecular cloning skills including; restriction, ligation, chemical and electrical transformation plant cell transformation via Agrobacterium.
- Bioinformatics and biological data analysis.
- Good experience in chemotaxis assays which I earned during my work on my master thesis project
- Computer skills (Competent with most Microsoft Office programs and Internet).

Training

- Training course entitled "Integrated Solid Waste Management" at Nablus Chamber of Commerce and Industry, organized by the Palestinian National Committee, the National Commission for Education, Culture , Science and the Environment Quality Authority with the support of the Islamic Educational and Scientific Organization (ISESCO), Nablus (13th -14th January 2019).
- Training Course in e-Learning/moodle (e-Learning Center at An-Najah National University, January, 5th -15th, 2012).

Attended Conferences

- Third Conference on Biotechnology Research and Application in Palestine (Al-Quds University, Abu-Dis/Jerusalem, October, 20th, 2012).
- Scientific Conference for Agricultural Research (An-Najah National University, Nablus, March, 25, 2012).

Attended Workshops

- Organizing and participating in the events of The Palestinian Ecological Week at An-Najah National University (Nablus, March, 17-21, 2019).
- Organizing and participating in the events of The Palestinian Ecological Week at An-Najah National University (Nablus, March, 18-22, 2018).
- Participation in the Agricultural Biotechnology research in Palestine workshop (Hebron and Bethlehem, 31st, November and 1st, December, 2014)
- DAAD Reception with the Head of the German Representative Office, Götz Lingenthal (Ramallah, May, 25, 2012)

Activities

- Supervisor of students Ecology Friends Association (EFA) at An-Najah National University (Auguat, 2017 to 2019).
- Member of the committee of the Orientation Day activities at the Faculty of Science at An-Najah National University (April, 2-5, 2019).
- Member of the committee of the Ninth Science Exhibition at the Faculty of Science at An-Najah National University (April, 16-19, 2018).
- Invited by the administration of Sarrah Secondary School for Girls to give two lectures to the high school students on mitotic cell division process and flowering plant taxonomy (October -2016).
- Member of the committee of the third Palestinian French science festival in the faculty of science at An-Najah National University (November, 5-6, 2012).

Articles

- Shurooq M. Ismail*, Ghaleb M. Adwan, and Naser R. Jarrar (2020), Evaluation of Antimicrobial and Genotoxic Activity of Ephedra foeminea Ethanolic and Aqueous Extracts on Escherichia coli, Jordan Journal of Biological Sciences (JJBS) Received February 21, 2019; Revised April 23, 2019; Accepted May 7, 2019 ISSN 1995- 6673 (Print), 2307- 7166 (Online) will be published in Volume 13, Number 1 (March), 2020.
- Ashraf Sawafta, Bayan Mansour, Shurooq Ismail , Sameer Amereih, Abedlkader Zarrouk, Ahmed Chetouni, Ismail Warad. (2019). In vitro assessments of cytotoxic effect of two [Cu (dien) (N-N)]Br₂ complexes on L6, HCT,PC3and HepG2 cancer cells. Moroccan Journal of Chemistry (submitted)
- Ghadeer Omar, Majdi Dwikat , Lubna Abdallah , Shurooq Ismail (2019), Effect of Ethanol Extract from Five Species of Salvia on the Spontaneous Contractile Activity of Isolated Rabbit Ileum, Palestinian Medical and Pharmaceutical Journal (PMPJ). 2019; 4(1): 41-40.
- L.A. Abdallah and S. Ismail (2017), Antibacterial Activity of Selected Plant Extracts on Methicillin Resistant Staphylococcus aureus, Journal of the Arab American University. Volume (3).
- G. Omar, L.A. Abdallah, S. Ismail and M.Y. Almasri. (2013), Screening of Selected Medicinal Wild Plant Extracts Antibacterial Effect as Natural Alternatives, International Journal of Indigenous Medicinal Plants, ISSN: 2051- 4263, Vol. 46, Issue.2

Referees

- Dr- Maen Ishtaiwi, Dept. of Physics, Dean of Science Faculty, An- Najah National University, Nablus P.O. Box 7, Tel. 972-09-370042, Fax. 972(9) 387982 Ext. 4010. E-mail: m.ishtaiwi@najah.edu
- Dr-Awni Abuhijleh, Dept. of Biology, Faculty of Science, An Najah National University, Nablus P.O. Box 7, Tel. 972-09-370042, Fax. 972(9) 387982. E-mail: awnia@najah.edu
- Dr-Sabri Naser, Dept. of Biology, Faculty of Science, An Najah National University, Nablus P.O. Box 7, Tel. 972-09-370042, Fax. 972(9) 387982. E-mail: sabri.mnaser@najah.edu