BASMA R. H. DAMIRI

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EDUCATION

2011 Clemson University, Clemson, SC, Science Collage
Post Do, Toxicology
2007- 2011. Clemson University, Clemson, SC
PhD, Environmental Toxicology
2005-2007. Clemson University, Clemson, SC,
MS, Environmental Toxicology/ Ecotoxicology
1998-2001. Al-Quds University, Jerusalem, Palestinian Authority
Bachelor of Science (BS), Medical Technology
1990-1992. Al-Arabia College, Amman, Jordan
Diploma (2 years), Medical Technology

FELLOWSHIPS &AWARDS

2005-2007 Ford Foundation Scholarship, USA
2007-2011 Graduate Assistant, Clemson University, SC
2011 SOT Travel Award
2011 Molecular Biology SS Award (MBSS), SOT
2011 Biological Science Award (BSGSA), Clemson University
2011 Environmental Toxicology Graduate Group Award, Clemson University
2017 Scientific Research Award 2016, An-Najah National University
2019 Scientific Research Award 2018, An-Najah National University

RESEARCH AND WORK EXPERIENCE

2019 Coordinator of Master program Clinical Research

2012-2015 Head of division/Drugs and Toxicology, An-Najah University, PS, School of Medicine and Health Sciences,

2012-2016 Coordinator of medical research unit

2011. Post-doctoral Researcher

Research Title: Steroid hormone remediation from wastewater treatment plant effluent

2007-2011. Clemson University, Environmental Toxicology Institute, Department of Biological Science

Dissertation Title: Lentiviral-mediated RNAi knockdown yields a novel mouse model for studying Cyp2b function.

2005- 2007. Clemson University, Environmental Toxicology Institute, Forestry and Natural Resources Department

Thesis Title: Risk characterization for boron and aquatic plants and animals

2003-2005. AL-Quds University, Jerusalem, Biology & Environmental Science Department, The Helmholtz Centre for Environmental Research (UFZ), Germany Project

1992-2003 Patient Friend Society, Palestine Medical Assistant

TEACHING EXPERIENCE

2012- Present:	An-Najah University, School of Medicine and Health Sciences, Drugs and Toxicology Division
2007-2011	Clemson University, SC, Environmental Toxicology Institute, Department of Biology

MEMBERSHIP

- Arab Center Human Rights and International Peace -Jordan
- Advisory Council - Tulkarm Governorate

- Scientific and Preparatory Committee for Environmental Conference- Environmental Education Center (EEC) / Evangelical Lutheran Church in Jordan and the Holy Land

RESEARCH INTEREST

Toxicology, Forensic Toxicology, Clinical Toxicology, Drug Addiction & Prevention, Environmental Toxicology, Public Health, Epidemiology, Lipid Metabolism, Cardiovascular Diseases.

PUBLICATIONS

Damiri B. The Use of Psychoactive Substances in a Conflict Area in the West Bank: Drug Use, Risk Factors, and Practices in Palestinian Refugee Camps. Journal of International Mental Health and Addiction. Accepted Nov. 19, 2019.

Damir, B., Badran, L., Safadi, D., Sawalha, A., Yasin, Y., Sawalha, M. & Amir, M.,. 2019. Metabolic syndrome and related risk factors among adults in the north of the West Bank, a cross-sectional study. International Health, Accepted 4/9/2019.

Damiri B, Risk Characterization for Boron and Aquatic Plants and Animals. Environmental Risk Assessment (2010) Publisher: Vdm Publishing House Ltd. ISBN 978-639-22207-4.

Damiri B, Rodgers J. Responses of Typha latifolia and Ceriodaphnia dubia to aqueous boron exposures. Society of Environmental Toxicology and Chemistry (SETAC), 27th Annual Meeting. 2006:243.

Damiri B. Phytotoxicity and Bioconcentration of Boron in Typha Latifolia and Schoenoplectus californicus Water Crisis and Agricultural Development in Palestine, Palestinian Technical University - Khadoori 2012:197-2013.

Jaradat NA, Damiri B, Abualhasan MN. Antioxidant evaluation for Urtica urens, Rumex cyprius and Borago officinalis edible wild plants in Palestine. Pak J PharmSci. 2016 Jan;29(1 Suppl):325-30. PubMed PMID: 27005499.

A. Marei, Salah. N, Al-Rimawi. F, Khayat. S, Damiri. B, A. Naser. A: Assessment of Commonly Used Pesticides in the Ground Water of the Shallow Aquifer Systems in Jericho and Jeftlik areas/ Lower Jordan Valley, Occupied Palestinian Territories. International Journal of Environmental & Agriculture Research (IJOEAR), Vol-3, Issue-2, February- 2017

Damiri B, Holle E, Yu X, Baldwin WS. Lentiviral-mediated RNAi knockdown yields a novel mouse model for studying Cyp2b function. Toxicol Sci. 2012Feb;125(2):368-81. doi: 10.1093/toxsci/kfr309. Epub 2011 Nov 14. PubMed PMID:22083726; PubMed Central PMCID: PMC3262856.

Damiri B, Sandouka HN, Janini EH, Yaish ON. Prevalence and associated factors of psychoactive substance use among university students in the West Bank, Palestine. Drugs: Education, Prevention and Policy. 2019:1-10.

Damiri B, Sayeh W, Odeh M, Musmar H. Drug use and possession, emerging of new psychoactive substances in the West Bank, Palestine. Egyptian Journal of Forensic Sciences. 2018;8(1):42.

Damiri B, Salahat I, Aghbar M. Pattern of substance use among schoolchildren in Palestine, a cross-sectional study. Egyptian Journal of Forensic Sciences.2018; 8: 59 https://doi.org/10.1186/s41935-018-0090-6.

Damiri BR, Sandouka HN, Janini EH, Yaish. Substance use by university students in the West Bank: a cross-sectional study.Lancet. 2018 Feb 21;391 Suppl 2:S9. doi: 10.1016/S0140-6736(18)30375-1. Epub 2018 Feb 21. PMID: 29553458

Damiri B, Rayyan A, Hijawi A. Epidemiology of autopsy-referred cases in the North of Palestine (West Bank): A retrospective study. Egyptian Journal of Forensic Sciences and Applied Toxicology.18 (10); 43-63 DOI: 10.21608/ejfsat.2018.16163

Damiri B, Baldwin W. Cyp2b-Knockdown Mice Poorly Metabolize Corn Oil and Are Age-Dependent Obese. Lipids. 2018 Nov 12. doi: 10.1002/lipd.12095. [Epub ahead of print]

Damiri BR, Agbar A, Al-Khdour S, Arafat Y. Metabolic syndrome in overweight and obese young Palestinian students at An-Najah National University: a cross-sectional study. The Lancet. 2018;391:S7.

Damiri B, Abualsoud MS, Samara AM, Salameh SK. Metabolic syndrome among overweight and obese adults in Palestinian refugee camps. Diabetol Metab Syndr. 2018 Apr 19;10:34. doi: 10.1186/s13098-018-0337-2. E Collection 2018. PubMed PMID:29713387; PubMed Central PMCID: PMC5907715.

Damiri B, Aghbar A, Alkhdour S, Arafat Y. Characterization and prevalence of metabolic syndrome among overweight and obese young Palestinian students at An-Najah National University. Diabetes Metab Syndr. 2018. pii:S1871-4021(17)30424-1. doi: 10.1016/j.dsx.2017.12.021. [Epub ahead of print]PubMed PMID: 29306543.

Damiri B, Hala A, Najjar L, Al qadome S. Metabolic Syndrome and its Risk Factors among Overweight and Obese Palestinian Schoolchildren using IDF and NCEP-ATP/III Definitions. DOI: 10.21767/2386-5180.100242

Damiri B, Baldwin B., Characterization of Cyp2b-Knockdown Mouse Reveals Changes in Lipid Metabolism. Abstract, ISSX , Endocr Rev, Vol. 32 P1 – 596

Damiri B, Prevalence and Characterization of Substance Abuse among Street Children in Nablus City/ West Bank (2015). Abstract. Six Forensic Science Conference, Egypt (P 52)

Damiri B, Baldwin B Repression of multiple Cyp2b members by RNAi in mice (2011). Abstract, Society of Toxicology

MASTER THESES

Hamdan, M., Masoud, W., The antimicrobial and antioxidant of Laurus nobilis leaf extract as a food preservative against lipid food poisoning (2019). Palestine Technical University/Kadoorie/ Agricultural Biotechnology/ *Master Thesis Examiner*.

Daher, O,. Evaluation of Titanium Dioxide Levels in Food in the West Bank. (2018). An-Najah National University/ Environmental Sciences/ *Master Thesis Supervisor.*

Abdelkader, A., Abdeen, Z., Irikat, A., Isolation and characterization of phenol degrading bacterium strain Bacillus thuringiensis J20 from olive waste in Palestine (2017).). Al-Quds University/ Environmental and Earth Science*/ Master Thesis Examiner.*

Lama, M., Imam, A., Patient safety during pre-and post-analytical phases of clinical testing in Beit Jala Hospital, (2015). Al-Quds University/ Public Health and Epidemiology/ *Master Thesis Examine.*

Taqata, R., Irikat, S., Molecular Identification and phylogenetic analysis of Rhipicephalus hard-tick species from different Palestinian cities (2015). Al-Quds University/ Department of Biochemistry/ *Master Thesis Examiner*.

Herzallah, Kh., Imam, A., Pregnant women awareness of vitamin D deficiency in eight private clinics in Ramallah, Palestine (2014). *Master Thesis Examiner.*

REVIEWER

- Journal of International Health (JIH)
- Egyptian Journal of Forensic Science and Applied Toxicology (EJFSAT)
- Crime and Delinquency Journal
- Metabolic Syndrome and Related Disorders
- Corresponding Member of Analytical Quality (C-QA) for the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)