

IYAD ALI, PhD

SENIOR FULBRIGHT RESEARCH SCHOLAR

WAYNE STATE UNIVERSITY
DETROIT, MICHIGAN, USA

SCIENTIFIC RESEARCH COORDINATOR

FACULTY OF MEDICINE AND HEALTH SCIENCES
AN-NAJAH NATIONAL UNIVERSITY, PALESTINE

ASSISTANT PROFESSOR OF BIOCHEMISTRY AND CLINICAL CHEMISTRY

PERSONAL INFORMATION

➤ **Name** : Iyad A.F. Ali
➤ **Nationality** : Palestinian "Jordanian Passport"
➤ **Date of Birth** : 1974
➤ **Address** : Nablus, Palestine
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AWARDS:

- ◆ An-Najah Research Award, 2015, An-Najah National University, Nablus, **Palestine**.
- ◆ An-Najah Research Award, 2014, An-Najah National University, Nablus, **Palestine**.
- ◆ An-Najah Research Award, 2013, An-Najah National University, Nablus, **Palestine**.
- ◆ An-Najah Research Award, 2012, An-Najah National University, Nablus, **Palestine**.
- ◆ Senior Fulbright Research Fellowship, 2013/2014, **USA**.
- ◆ Daniel Turnberg Fellowship, 2011, **United Kingdom**.
- ◆ Junior Research Fellowship (JRF), University Grand Commission (UGC), 2000, **India**.
- ◆ Indian Council for Cultural Relation (ICCR) fellowship, 1993, **India**.

EDUCATION

- ✓ 1998-2002
Ph.D, Biochemistry
Title of the thesis: Interaction of photoilluminated riboflavin with macromolecules and human red blood cells.
Aligarh Muslim University, India
- ✓ 1996-1998
M.Sc, Biochemistry
Aligarh Muslim University, India
- ✓ 1993-1996
B.Sc, Biochemistry
Aligarh Muslim University, India
- ✓ 1991-1992
High Secondary School Certificate "Tawjihi"
Palestine

PROFESSIONAL EXPERIENCE

- *Sep 2014-present*
Scientific Research Coordinator
Faculty of Medicine and Health Sciences, An-Najah National University, Palestine.
- *Aug 2006- present*
Assistant Professor,
Faculty of Medicine and Health Sciences, An-Najah National University, Palestine.
- *2013/2014*
Senior Fulbright Research Scholar,
Wayne State Universtiy, Michigan, USA
- *Jun 2011- Jul 2011*
Research Visitor,
Department of Biological Sciences, Essex University, Colchester, United Kingdom.
- *Oct 2007- Jul 2009*
Assistant Professor,
Al-Quds Open University, Palestine.
- *Oct 2002- Mar 2006*
Assistant Professor,
Faculty of Pharmacy, Applied Science University, Amman, Jordan.

PUBLICATIONS

1. *Faten Shaeib, Sana N. Khan, **Iyad Ali**, Tohid Najafi, Dhiman Maitra, Ibrahim Abdulhamid, Ghassan M. Saed, Subramaniam Pennathur, Husam M. Abu-Soud.*
Melatonin Prevents Myeloperoxidase Heme Destruction and the Generation of Free Iron Mediated by Self-Generated Hypochlorous Acid.
PLOS ONE | DOI:10.1371/journal.pone.0120737 April 2, 2015
2. *Nidal Amin Jaradat, Murad Abualhasan, **Iyad Ali**.*
Comparison of Anti-Oxidant Activities and Exhaustive Extraction Yields between Wild and Cultivated Cyclamen persicum, Malva sylvestris and Urtica Pilulifera leaves.
Journal of Applied Pharmaceutical Science Vol. 5 (04), pp. 101-106, April, 2015
3. ***Iyad Ali**, Adham Abu-Taha, Hisham Zahran*
The life style parameters of schizophrenic clients in palestine
European Journal of Psychology & Educational Studies, Vol 1 / Issue 1 / Oct-Dec-2014
4. *Dhiman Maitra, **Iyad Ali**, Rasha M. Abdulridha, Faten Shaeib, Sana N. Khan, Ghassan M. Saed, Subramaniam Pennathur, Husam M. Abu-Soud.*
Kinetic Studies on the Reaction between Dicyanocobinamide and Hypochlorous Acid.
PLOS ONE November 2014 | Volume 9 | Issue 11 | e110595
5. ***Iyad Ali**, Imrana Naseem.*
Morphology perturbation of human erythrocytes exposed to photoilluminated riboflavin.
In press An-Najah National University Journal
6. *Sweileh WM, Dalal SA, Zyoud SH, Al-Jabi SW, **Al-Ali I**.*
Diabetes mellitus in patients with schizophrenia in West-Bank, Palestine.
Diabetes Res Clin Pract 2013 Jan 28.doi:pii: S0168-8227(12)00512-8.
7. *Sweileh WM, Zyoud SH, Dalal SA, Ibwini S, Sawalha AF, **Ali I**.*
Prevalence of metabolic syndrome among patients with Schizophrenia in Palestine.
BMC Psychiatry 2012, 12:235
8. ***Ali I**, Sakhnini N.*
Synthesis of selective β -lactam derivatives.
An-Najah Univ J for Res- A (N. Sc.).Vol. 27, 2013. pp. 53-68.
9. *Waleed M Sweileh, **Iyad Ali**, Ansam F Sawalha, Adham S Abu-Taha, Sa'ed H Zyoud, and Samah W Al-Jabi.*
Gender differences in sleep habits and sleep related problems in Arab Palestinian university students.
Int J Disabil Hum Dev 2012;11(3): 289-293.

10. Sweileh WM, **Ali IA**, Sawalha AF, Abu-Taha AS, Zyoud SH, Al-Jabi SW.
Sleep habits and sleep problems among Palestinian students.
Child Adolesc Psychiatry Ment Health. 2011 Jul 15;5(1):25.
11. Husain E, Fatima RA, **Ali IA**, Naseem I.
Photoilluminated riboflavin/riboflavin-Cu(II) inactivates trypsin: Cu(II) tilts the balance.
Indian J BiochemBiophys. 2006 Oct; 43(5):312-8.
12. NazarulHasan, **Iyad Ali**, ImranaNaseem.
Photodynamic inactivation of trypsin by the aminophylline-riboflavin system: Involvement of hydroxyl radical.
Med SciMonit 2006; 12(8): BR283-289.
13. Nina Sakhnini, **Iyad Ali** and Samar Khater.
Synthesis of a novel β -Lactamase hydrolysis resistant penicillin analog.
Saudi Pharmaceutical Journal, 2005, 13, 83-88.
14. **Iyad Ali** and ImranaNaseem.
The effect of riboflavin-Cu(II) system on lipid peroxidation of human red blood cells.
Arab Journal of Pharmaceutical Sciences, 2005, 2, 11-20.
15. **I. Ali**, N. Sakhnini, and I. Naseem.
Hemolysis of human red blood cells by riboflavin-Cu(II) system: enhancement by azide.
Biochemistry (Moscow) 2005, 70, 1011-1014.
16. **Iyad Ali**, ImranaNaseem.
Hemolysis of human red blood cells by riboflavin-aminophylline combination.
Life Sciences, 2002, 70, 2013-2022.
17. **Iyad Ali**, Mansour K.M. Gatasheh, ImranaNaseem.
Hemolysis of human red blood cells by riboflavin-Cu(II) system.
Biochimica et Biophysica Acta, 2000, 1523, 225-229.

PROJECTS:

- ❖ Improving of teaching research methods practices a cross disciplinary courses: The case of medical and social sciences. Palestinian Faculty Development Program, AMIDEAST, 2011/2012.
- ❖ Enhancing the skin permeability of some non-steroidal anti-inflammatory drugs and Quinolones. Funded by: Applied Science University, Amman, Jordan. (33/3) 8/11/2004.

SUPERVISION:

- Blood profile of schizophrenic clients in northern Palestine. **Master thesis**. 2013.
- Prevalence of dyslipidemia among schizophrenic clients in northern Palestine. **Master thesis**. 2013.
- Prevalence of imperial glucose resolution among schizophrenic clients in northern Palestine. **Master thesis**. 2013.
- Common biochemical changes associated with the incidence of Myocardial Infarction in West Bank of Palestine. **Pharm.D. Graduation Project**. 2014.
- Determination of antioxidant activity of commercially available juices. **Pharm. Graduation Project**. 2015

CONFERENCES & WORKSHOPS

- 20th Apr. 2015.
First National Conference on Applied Biomedical Sciences.
The Arab American University, Jenin, Palestine
- 20th Apr. 2015.
First National Conference on Applied Biomedical Sciences.
The Arab American University, Jenin, Palestine
- 22nd Oct. 2014.
70th Annual Meeting of the American Society for Reproductive Medicine.
Honolulu, Hawaii
- 14th Aug. 2014.
The 8th Palestinian International Conference of Laboratory Medicine.
Palestinian Red Cross Service, Ram Allah, Palestine
- 26th Apr. 2014.
Fourth Medical Research Symposium.
An-Najah National University, Nablus, Palestine
- 18-22th Nov. 2013.
Annual Meeting of the Society for Free Radical Biology and Medicine,
San Antonio, TX, USA; 11/2013.
- 12th Dec. 2012.
How to Build an Intended Learning Outcomes (ILOs) Course.
An-Najah National University, Nablus, Palestine
- 6th Dec. 2012.
Community Based Learning (CBL) workshop.
An-Najah National University, Nablus, Palestine

- 11th – 12th Oct. 2012.
The First International Psychiatric Conference in Palestine.
Palestinian Psychiatric Association, Ramallah, Palestine
- 1st- 2nd Jun. 2012.
Sharing Models of Innovative Teaching in Higher Education Conference.
Amideast, Ramallah, Palestine
- 28th Jun. 2012.
First National Conference: Teaching Research Methods for Students of Medical and Social Sciences in Palestine.
Nablus, Palestine
- 12th May 2012.
The Second Biomedical Research Symposium.
PFMR, Bethlehem University, Palestine
- 10th May 2012.
Symposium on Innovation and Excellence in Teaching and Learning.
An-Najah National University, Palestine
- 20th- 21st Oct. 2010.
The Third International Medical Conference: Adolescent's and Youth Health: Development and Future Challenges.
An-Najah National University, Palestine
- 26th – 27th Sep. 2010.
Second Conference on Biotechnology Research and Application in Palestine.
An-Najah National University. Palestine
- 20th- 21st Mar. 2010.
Frontiers in Molecular Biology and Biomedicine.
Birzeit University. Palestine
- 8th- 10th Oct. 2009.
The Second International Medical Conference: Evidence Based Advances in Women Healthcare.
An-Najah National University. Palestine
- 1st – 3rd Oct. 2009.
12 CPD credit course: Teach the Teachers.
Developmedica. www.developmedica.com
- 16th- 18th Nov. 2008.
The First International Medical Conference: Advances in Pediatric Care.
An-Najah National University. Palestine.

- 16th- 18th Apr. 2008.
The First Palestinian Oncology Conference.
Palestinian Oncology Society Medical Association, Palestine
- 10th -12th Apr. 2008
The 26th General Arab Pharmacists' Union Conference & Jordan Pharmacists' Association Conference.
Jordan Pharmacists' Association, Jordan
- 23rd Dec. 2004
The First Pharmaceutical Scientific Day.
Abstract: The morphological effect of photoilluminated riboflavin on human RBC.
Royal Medical Services, Jordan
- 22nd Sept. 2004
The Second KHCC International Neuro-Oncology Workshop “Gliomas; a Multi-Modality Approach”
King Hussein Cancer Center, Jordan
- 3rd –4th Jun. 2004
The 4th Jordanian International Conference for Fertility and Genetics.
The Specialty Hospital, Jordan
- 23rd –29th Feb. 2004
Workshop: Improving the teaching skills of university lecturers
Applied Science University, Jordan
- Summer 2003 (one month)
Training: PCR and diagnosis of genetic diseases
Islamic Hospital, Jordan
- 4th-8th June, 2000
Federation of American Society for Experimental Biology
Abstract: Hemolysis of human erythrocytes by riboflavin in the presence of Cu(II)
Abstract No. 1096.USA

LANGUAGES:

- Arabic (Native).
- English “good”.
- Urdu “poor”.

COMPUTER SKILLS:

- ☺ MS Office.
- ☺ Moodle.

MEMBERSHIPS:

- ♣ Employees' Union, An-Najah National University, Nablus, Palestine.
- ♣ Medical Technology Association, Palestine.
- ♣ Oxygen Club of California, CA, USA.
- ♣ Palestinian Forum for Medical Research (PFMR), Palestine.

SKILLS:

- ☺ Communication skills.
- ☺ Conflict management.
- ☺ Team building and working spirit.

TAUGHT COURSES:

- Principles of Biochemistry
- Metabolic Biochemistry
- Molecular Biochemistry
- Advance Biochemistry
- Clinical Biochemistry
- Clinical Chemistry
- Medical Genetics.
- Research Methodology
- Nutrition
- Laboratory of Biochemistry
- Laboratory of Organic Chemistry