

SKETCH of Professional Activities

NAME Nader Hazboun, MSc		POSITION TITLE Lecturer of Laboratory Medicine	
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Bethlehem University, Palestine	B.Sc.	07/99	Biology/Chemistry
Birzeit University, Palestine	M.Sc.	07/05	Clinical Laboratory Sciences

A. Personal Statement

I am a lecturer in laboratory medicine in the Biology Department at Bethlehem University. My first research study involved the clinical utility of Y-PSMA2 monoclonal antibody in Prostate Cancer; I showed that this monoclonal antibody could be used to detect primary and peripheral blood micrometastatic prostate cancer cells. In 2009, I determined the frequency of K blood group antigen in Bethlehem District and in 2010 I determined the percentage of adults in Bethlehem District with a high risk for cardiovascular disease based on the hs-CRP assay. In 2011, I screened the hospitals of Jerusalem and Bethlehem Districts for vancomycin-resistant *S. aureus* (VRSA). In 2012-2013, I have also determined through an internal research grant the frequency of the blood group antigen K in the Palestinians of Hebron district. The focus of my academic interest in recent years has been on cancer immunotherapy and in 2017 I published a review article on the use of CAR-T cells for hematological malignancies in international journal of tumor therapy. I currently have an internal grant for the study of autoantibodies against β -islet cells in type 1 diabetes mellitus.

B. Positions and Membership in Professional Societies

2014-Present: Promoted to the rank of Lecturer in Clinical Laboratory Sciences, Bethlehem University.

2004-2014: Instructor of Clinical Laboratory Sciences, Bethlehem University.

2011-Present: Associate member of the Palestinian Forum for Medical Research (PFMR).

C. Publications

Articles:

- 1) Hazboun N. (2017). Cancer Immunotherapy with CAR-T cells for Hematological malignancies. International journal of Tumor Therapy, Vol. 6 No. 1: 1-4.
- 2) Hazboun N, Tamimi I, Salsaa M (2011). Screening for raised base-line values of serum CRP as an independent risk factor for cardiovascular diseases among adults in Bethlehem District using hs-CRP assay. Bethlehem University Journal, Vol. 30: 9-19.
- 3) Dieck R, Hazboun N., Kattan R, Hindiyeh M. (2011). Screening for Vancomycin-Resistant and Intermediate *S. aureus* (VRSA & VISA) by the E-test in the hospitals of Bethlehem and Jerusalem Districts. Bethlehem University Journal, Vol. 30: 20-28.

Short Communications:

- 4) Hazboun N., Farraj M, Essawi T. (2006). The Clinical utility of Y-PSMA2 monoclonal antibody in the detection of primary and peripheral blood metastatic prostate cancer; Short Communication, Bethlehem University Journal Vol. 25: 22-26.
- 5) Hazboun N. (2010). The frequency of the blood group antigen K in the Palestinian Population of Bethlehem District; Short Communication, Bethlehem University Journal Vol. 29: 41-45.
- 6) Hazboun N., Amro E., Zawahrah H. (2013). The frequency of the blood group antigen K in Hebron District; short communication, Bethlehem University Journal, Vol. 32: 57-60.

D. Conferences, Workshops, Lectures, and Presentations

1. 14th of March 2018: Gave a talk on cancer immunotherapy with CAR T-cells for hematological malignancies at the research day held by Bethlehem University.
 2. 5th of October 2017: Lecture on Epidemiology and genetics of Neurodegeneration - Alzheimer's Disease" by Prof Abdalla Bowirrat at Bethlehem University.
 3. 22nd of September 2017: The 8th Local Conference in Medical Technology held at Convention Palace in Bethlehem.
 4. 28th of March 2017: Workshop on scientific writing of a manuscript for publication in international journals organized by the PFMR and the Master's program in biotechnology presented by Victoria Steewaldt, city hope hospital, California.
 5. 3rd of November 2016: Moderator of a session in the "Research & Innovation Day" at Bethlehem University.
 6. 9th of April 2016: Member of the Organizing Committee for the 6th PFMR Biomedical Research Symposium.
 7. 7th of April 2016: Lecture organized by Faculty of Science for Dr. Daniel Colón-Ramos, Department of Cell Biology and Department of Neuroscience, Yale University School of Medicine USA.
 8. 19th March 2015: Lecture by chief editor of Nature Genetics Prof Myles Axton on how to publish in Nature Genetics Journal.
 9. 14-16th of August 2014: The Palestinian 8th Conference for Laboratory Medicine. Presented a poster on the K antigen frequency in Bethlehem and Hebron Districts.
 10. 26th of April 2014: 4th Biomedical Research Symposium held at An-Najah National University.
 11. 14th November 2013: (Research Day at Bethlehem University). Gave a talk on the frequency of K blood group antigen in Bethlehem & Hebron Districts.
 12. 26th of September 2013: Faculty Development Day at BU entitled Monitoring Learning at Bethlehem University.
 13. 4th April 2013: Gave a lecture on Kell Blood group system at Holy Family Hospital for clinicians and medical laboratory technologists.
 14. 17th May 2012: Lecture on Education for Social Justice: Implications of the Capability Approach for University Education held at BU and arranged by the Center for Excellence in Teaching and Learning.
 15. 11th May 2012: Lecture on Artificial Smelling for early and rapid diagnosis of Cancer by Prof. Hussam Haick from the Department of Chemical Engineering and Russel Berrie Nanotechnology Institute, Technion.
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16. 12th May 2012: Second Biomedical Research Symposium held at Bethlehem University.
17. 15-17th March 2012: The Palestinian 7th Conference for Laboratory Medicine; gave a talk on screening for raised baseline values of serum CRP as a risk factor for cardiovascular diseases among adults in Bethlehem District using hs-CRP.
18. October 2011: Research day; gave a talk on the role of hs-CRP as a risk factor for cardiovascular diseases.
19. September 2011: A symposium on Civic Learning and Community Engagement for improving Teaching and learning in higher Education held at Bethlehem University.
20. May 2011: First Biomedical Research Symposium held at Palestine Polytechnic University (PPU).
21. March 2011: Lecture on ribosome structure by Venkatraman Ramakrishnan (A Nobel Prize laureate in Chemistry 2009) held at Birzeit University, Palestine.
22. May 2010: Gave a lecture on organized critical thinking and problem-solving for science teachers held at ARIJ Centre, Bethlehem.
23. March 2010: Workshop on Molecular Biology and Biomedicine sponsored by Birzeit University and the European Molecular Biology Organization (EMBO).
24. April 2009: First Biotechnology Conference in Palestine held at Bethlehem University; gave a talk about the detection of localized and peripheral blood micrometastatic prostate cancer by Y-PSMA2 clone.
25. November 2005, 2006, and 2007: Laboratory Medicine Conferences held at Bethlehem University.
26. March 2004: A two-day lecture on the role of homocysteine in cardiovascular disease held at Birzeit University.
27. April 2003: A three-day lecture on the genetics of antibody diversity sponsored by Birzeit University and University of Limoges, France.

E. Administrative responsibilities

June 18th-July 2nd 2012: Acting Chairperson/Biology Department /Bethlehem University.

F. Preparation of Lab manuals

- 1) Fall 2008: Blood Banking Lab Manual for Medical Laboratory Sciences' students.
- 2) Fall 2009: Microbiology Lab Manual for Nursing and Biology students.
- 3) Spring 2011: Clinical Hematology Lab Manual for Medical Laboratory Sciences' students.

G. Membership in Conference Committees

1. April 2016: Member of the Organizing Committee for the 6th PFMR Biomedical Research Symposium.
 2. May 2012: Member of the Organizing Committee for the 2nd Symposium in Biomedical research held at Bethlehem University.
 3. April 2009: Member of the Organizing Committee for the 1st Biotechnology Research and Application in Palestine held at Bethlehem University.
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