

Mai Yosef Jarad
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Education/Degree

Bachelor Degree in Biochemistry **Fall / 2008**
Faculty of Science, King Abdul Aziz University (KAU), Jeddah, Saudi Arabia
Average: 4.09/5

IELTS (International English Language Testing System) **04/09/2010**
Score: 7.0 / 9.0

Comprehensive English **17/05/2010 – 25/06/2010**
University of Toronto, School of continuing Studies, English Language Program,
Level: Advanced.
Assessment: High Honours.

TOEIC (Test of English for International Communication) **05/05/2010**
Listening: 480/495
Reading: 450/495
Total: 930/990

Comprehensive English **05/04/2010 – 14/05/2010**
University of Toronto, School of continuing Studies, English Language Program,
Level: Advanced
Assessment: High Honours

Writing Essentials **05/05/2010 – 07/07/2010**
University of Toronto, School of continuing Studies, English Language Program,

At Ease with Disease **10/05/2010 – 05/07/2010**
University of Toronto, School of Continuing Studies,

Master Degree in Biomedical Sciences **June / 2013**
Faculty of Biomedical Science, University of Guelph, Ontario, Canada
GPA: 3.67/4

Related Course Work:

- **Cancer Biology**

- **Vascular Biology**
- **Statistical Methods for Life Sciences**

PhD Student in Biosciences

Exp. / 2017

Faculty of Biological and environmental sciences and engineering division, King Abdullah University of Science and Technology, Thuwal, KSA.

Scholarships

MSc. Scholarship – Ministry of Higher Education - Saudi Arabian Cultural Bureau in Canada- 2010-2013

Scientific Research Activities

2007-2008

Iron Deficiency Amongst Saudi Female Students in King Abdulaziz University

2011-2013

Title of Master Thesis: Modulation of endothelial signaling molecule expression by TGF β

Research Technics

- Tissue culture (Human Colorectal Cancer cell lines and Bovine Aortic Endothelial Cell line)
- Protein Isolation and purification
- RNA Isolation and purification
- Molecular Biology (Western blotting, SDS-page, gel electrophoresis etc)
- Paraffin-embedded tissue sectioning using a microtome
- Immunohistochemistry (on paraffin embedded tissue)
- Immunofluorescence (on paraffin embedded tissue, fixed cells and fixed cells in MatriGel)
- ELISA

Publications

Title of Book: Biochemical Basis and Therapeutic Implications of Angiogenesis

Title of Chapter: Role of Transforming Growth Factor-beta in Angiogenesis

Chapter Author(s): A. Vilorio –Petit, A. Richard, S. Zours, M. Jarad, and B.L. Coomber.

Book Author(s): Mehta, Jawahar L.; Dhalla, Naranjan S.

Published: April 30, 2013

Conferences and Research Symposiums

2011 Cancer Research Symposium, Institute of Comparative Cancer investigation, OVC, University of Guelph, Guelph, ON, Canada.

2012 Vasculata , Sponsored by: University of Kentucky, Meharry Medical College Vanderbilt University and NAVBO. Nashville, TN, United States of America.

2012 Cancer Research Symposium, Institute of Comparative Cancer investigation, OVC, University of Guelph, Guelph, ON, Canada.

Experience

King Fahd General Hospital, KAU, Jeddah, Saudi Arabia. 29/8/2007– 11/10/2007

- **Training period in laboratory department**, my training was divided between three departments: the General laboratory, the Biochemistry laboratory and the Hematology laboratory. Beside routine laboratory work I was responsible for the daily calibration of laboratory instruments and organizing communication between the supervisors of the three laboratory departments.

Posters

Title: Modulation of endothelial signaling molecule expression in tip and stalk cells by TGF β

Mai Jarad, Elizabeth A. Kuczynski and Brenda Coomber, Department of Biomedical Science, University of Guelph, Ontario, Canada

Presented in: 2012 Vasculata Conference, Vanderbilt University, Nashville, TN, United States of America.

SKILLS

Computer: Knowledge of PC and Macintosh formats: Word, Excel and PowerPoint.

Languages: Fluent in Arabic and English.