

Ahmad Mohammed Almalki, M.B.B.S, MSc.

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Objectives:

- To provide patient care according to evidence-based medicine in the field of Obstetrics and Gynecology.
- To conduct good quality research while mentoring and teaching my colleagues.

Medical Education:

- Bachelor of Medicine & Surgery
M.B.B.S. *King Abdulaziz University, College of Medicine and Allied Sciences*
Jeddah, Saudi Arabia
GPA 3.77/5
09/2002 – 07/2008

Post Graduate Education:

- Certificate in Global Health *Johns Hopkins University, Bloomberg School of Public Health*
Baltimore, MD, USA
GPA 3.36/4
01/2014–present
- Master of Science
in Health Outcomes Research
M.Sc. *Albany College of Pharmacy and Health Sciences of Union University*
Albany, NY, USA
GPA 3.4/4
09/2011 – 05/2013

Honors and Awards:

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| 2013-2014 | I was awarded a scholarship from King Saud University for a research fellowship training program in the Maternal Fetal Medicine division at Johns Hopkins University Hospital. |
| 2011-2013 | I was awarded a scholarship from King Saud University for a Master's in Health Sciences at the Albany College of Pharmacy and Health Sciences of Union University |

Abstracts:

- Jason M Rosenzweig, Manoj Mishra, **Ahmad Almalki**, Rudhab Bahabry, Talaibek Borbiev, Kannan Rangaramanujam and Irina Burd. Maternal Dendrimer-based N-acetyl-l-cysteine Therapy Improves Offspring Outcomes in a Model of Intrauterine Inflammation. The 9th Hershey Conference on Developmental brain injury, Saint Michaels, Maryland, USA, June 2014.
- Jason M Rosenzweig, Manoj Mishra, **Ahmad Almalki**, Rudhab Bahabry, Talaibek Borbiev, Kannan Rangaramanujam and Irina Burd. Maternal Dendrimer-based N-acetyl-l-cysteine Therapy Improves Offspring Outcomes in a Model of Intrauterine Inflammation. The 61st Annual Meeting of the Society for Gynecologic Investigation, Florence, Italy, March 2014.

- Irina Burd, Maria Andrikopoulou, Tahani Dada, **Ahmad Almalki**, Rudhab Bahabry, Haitham Baghlaf, Mikhail Pletnikov, Karin Blakemore and Michael Johnston. Prenatal IL-1 Receptor Blockade Prevents Motor but not Cognitive Deficits in a Mouse Model of Preterm Intrauterine Inflammation and Perinatal Brain Damage. The 34th Meeting of Society of Maternal Fetal Medicine, New Orleans, Louisiana, USA, February 2014.

Publications:

- Andrikopoulou, M., **Almalki, A.**, Farzin, A., Cordeiro, C. N., Johnston, M. V., & Burd, I. (2014). Perinatal biomarkers in prematurity: Early identification of neurologic injury. *International Journal of Developmental Neuroscience*.

Upcoming Manuscript Submissions:

- Peripheral Glucose Levels at Birth and Diagnosis of Periventricular White Matter Injury in Premature Neonates. Expected submission in September 2014.
- Maternal Dendrimer-based N-acetyl-L-cysteine Therapy Improves Offspring Outcomes in a Model of Intrauterine Inflammation. Expected submission in August 2014.
- Glucose Levels and Diagnosis of Chorioamnionitis in Premature Mouse Model. Expected submission in July 2014.
- Perinatal Biomarkers in Prematurity: Identification of Early Onset Neonatal Sepsis. Expected submission in July 2014.

Medical Licensees & Health Certificates:

- *Advances in Labor and Risk Management* **ALARM**, Ottawa, Canada, May 2014
- *Basic Life Support for Health Care Provider* **BLS**, Baltimore, MD, USA, March 2014
- *Educational Commission of Foreign Medical Graduates (ECFMG)* certified, October 2013
- *Advanced Life Support of Obstetrics* **ALSO**, Riyadh, Saudi Arabia, March 2011
- *Medical Council of Canada Evaluating Exam* **MCCEE**, January 2010

Work Experience:

- **Postdoctoral research fellow 7/2013 – present:**
Currently I am working as a postdoctoral research fellow at *Johns Hopkins University Hospital*. I perform rodent surgery and harvest different types of tissues. I am now skilled in RNA isolations, cryostating and cDNA making. Additionally, I am in charge of neurobehavioral testing of ex-preterm offspring. As part of my post-doctorate training, I also attend the multidisciplinary departmental grand rounds and the learning activities for the Maternal-Fetal Medicine division. These activities include ultrasound conferences, genetics rounds, genetic case conferences, and high-risk obstetrics review for the Maternal-Fetal Medicine fellows.
- **Obstetrics and Gynecology Resident and Teaching Assistant 10/2009 – 8/2011:**
I rotated for 23 months through core Obstetrics and Gynecology at *King Khalid University Hospital and Faculty of Medicine*, Riyadh, Saudi Arabia. Additionally, I mentored fifth year medical students during my work as a teaching assistant. I was regularly involved in all educational activities of undergraduate medical students. I helped medical students acclimate to hospital settings by teaching them fundamental concepts related to patient care.
- **Internship Rotations, 2008 – 2009:**
 - Surgery (8 weeks), Althagr General Hospital, Jeddah, Saudi Arabia.
 - Internal Medicine (8 weeks), King Abdulaziz University Hospital, Jeddah, Saudi Arabia.
 - Obstetrics and Gynecology (8 weeks), King Abdulaziz University Hospital, Jeddah, Saudi Arabia.

- Pediatrics (8 weeks), King Abdulaziz University Hospital, Jeddah, Saudi Arabia.
- Anatomical Pathology (4 weeks), King Abdulaziz University Hospital, Jeddah, Saudi Arabia
- Emergency Medicine (4 weeks.), King Fahad General Hospital, Jeddah, Saudi Arabia.
- Obstetrics and Gynecology (4 weeks), Maternity and Children Hospital, Jeddah, Saudi Arabia.
- Radiology (4weeks), King Abdulaziz University Hospital, Jeddah, Saudi Arabia

Extracurricular Activities and Skills:

➤ **Community Service:**

- *Member, Breast Cancer Society, Jeddah, Saudi Arabia, October 2007.* This work gave me the opportunity to practice my passion in educating others. I informed people in different public places, such as shopping malls, about the diagnostic methods of breast cancer, its clinical presentation and the different methods of treatment.
- *Participant, National Project, Jeddah City, Saudi Arabia, April 2006.* This project helped increase awareness about endemic dengue fever among high school students.

➤ **Elective Training:**

- Elective rotation in obstetrics and gynecology for one month at Allegheny General Hospital, Pittsburgh, PA, USA, 2013.
- Elective rotation in internal medicine for two months at King Fahd General Hospital, Jeddah, Saudi Arabia, 2006.

➤ **Language and Computer Skills:**

- Arabic language(Native)
- English Language (Advanced level)
- Microsoft office, EViews software and Graph Pad Prism software

➤ **Organizational Skills:**

- I was selected by the vice dean of medical school as a chief intern in 2008.
- I was selected to work as the head of media committee (one of organizational committees) at the international conference, “Risk Management in Obstetrics and Gynecology,” in Riyadh, Saudi Arabia, 2011.

Membership and Honorary/Professional Societies:

- American Society for Reproductive Immunology, February 2014.
- Saudi Society of Obstetrics and Gynecology, January 2010.

References:

➤ **Irina Burd, MD, PhD**

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 Director of Research, Division of Maternal Fetal Medicine
 Director, Integrated Research Center for Fetal Medicine
 Department of Gynecology and Obstetrics
 Johns Hopkins University Hospital
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- **Karin Blakemore, MD**
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