

Curriculum Vitae

Personal Information

Name: Fahad Alotaibi

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Date of Birth: May 22, 1988

Education

2007-2011: Bachelor of Science in Clinical Laboratory Sciences, College of Applied Medical Sciences, King Saud University, Riyadh, KSA:

- Graduation research project: The Effect of Manufactures on Sporulation of Candida Albicans.

2011-2012: Internship at King Khalid University Hospital, Riyadh, KSA:

- Rotation for one year with duties in various laboratories, including hematology, immunology, biochemistry, histology, microbiology and pathology.

2013: Medical Technologist at King Fahad Medical City, Riyadh, KSA:

- Worked in blood bank. Performed compatibility testing, blood grouping and antibody screening and identification. Performed preparation of blood components and screening.

2015-2016: Master of Science degree in Reproductive and Developmental Sciences program- College of Medicine, University of British Columbia, Vancouver, Canada:

- MSc Thesis: Plasminogen Activator Inhibitor-1 in Endometriosis.

2017-2020: The Degree of Doctor of Philosophy (PhD) in Reproductive and Developmental Sciences, College of Medicine, University of British Columbia, Vancouver, Canada:

- Completed comprehensive examination: May 2019
- PhD dissertation: Interleukin 1 beta (IL-1 β), Plasminogen Activator System (PA), and Nerve Growth Factor (NGF) in Endometriosis-associated Deep Dyspareunia

Key Laboratory and Training Related Experiences

- Performed manual immunohistochemistry (IHC) using several antibodies
- Cultured and processed human primary endometriotic tissues
- Performed cells migration and invasion assays using primary cultured stromal cells
- Performed cells treatment assays on primary cultured stromal cells
- Performed genes knockdown experiment using pool siRNA
- Extracted RNA from endometriosis cultured cells
- Performed mRNA levels quantification experiments using real time polymerase chain reaction (RT-PCR)
- Extracted DNA from Formalin-fixed Paraffin-embedded (FFPE) tissue blocks
- Conducted genotyping experiment using regular polymerase chain reaction (PCR)
- Performed agarose gel electrophoresis
- Gained experience in primer designing for PCR
- Validated antibodies for IHC studies
- Analyzed IHC data using semiquantitative IHC scoring systems
- Gained experience in imaging of tissue sections using Olympus BX61 microscope
- Gained experience in blotting techniques Ex: Western Blot
- Managed active wet lab for period of time in terms of following all laboratory safety rules, regulations, and financial arrangements
- Collected clinical data and reviewed pathology reports for research purpose
- Analyzed data using SPSS and GraphPad softwares for statistical analysis
- Worked with team on successful research ethics writing and applications
- Participated in successful grants writing and applications for funding
- Teaching lectures about the physiology of reproductive system and cell signaling.

Key Volunteering Experiences and Committees involvements

2015: Volunteer, Saudi Students Society, Vancouver, British Columbia, Canada:

- Got involved and contribute by volunteering in the student society; on weekly basis help for new non-English speaking students, helped students with accommodations, prepared community events.

2019: Volunteer, Vancouver Summer Program (UBC), Vancouver, British Columbia, Canada:

- Taught IHC techniques for international students in lab orientation day

2019: Facilitator, Endometriosis workshop, Vancouver, British Columbia, Canada:

- Managed the flow of the conversation in groups and keep detailed notes of the table discussion and ensure the conversation is on track. I.e., clarify questions, prompt discussion, keep conversation on topic

2019: Supervisor, UBC summer student program, Vancouver, British Columbia, Canada:

- Including, teaching laboratory skills such as IHC scoring and cell culture, and training on using SPSS software analysis.

2019-2020: Volunteer, Endometriosis Celebration of Hope: The Centre for Pelvic Pain and Endometriosis at BC Women's Hospital, Canada:

- Participated in this event to increase awareness & promote support and engage endometriosis patients in research.

2021-until now: A member of the quality committee at College of Medicine, Imam Mohammad Ibn Saud Islamic University (IMSIU)

- Provide oversight, monitoring and assessment of key organizational processes, outcomes and external reports

2021- until now: Head of high graduate studies unit at College of Medicine, Imam Mohammad Ibn Saud Islamic University (IMSIU)

- Leading our college vision of excellence in higher education programs and scientific research

Awards and Certificates:

- UBC Chemical Safety Course "Certificate "2015
- UBC Biological Safety Course "Certificate "2015
- Responsible Conduct of Research (RCR) - Life Science – Canada "Certificate"2015
- Ministry of Education’s scholarship for MSc studies-Saudi Arabia (2015-2016)
- Instructional Skills Workshops for Grad Students in UBC “ISW Certificate” 2016
- Ethical Conduct for Research Involving Humans, Course on Research Ethics (TCPS 2: CORE) "Certificate" 2016
- Ministry of Education’s scholarship for PhD studies-Saudi Arabia (2017-2020)
- The Faculty of Medicine Graduate Award at the University of British Columbia for the 2017 W session
- Saudi Cultural Bureau Award for unique achievement—courses with standing A-2017
- The Faculty of Medicine Graduate Award at the University of British Columbia for the 2018 W session
- Pathways to Success (GPS) and Mitacs Training: Networking Skills “Certificates” -2019
- Saudi Cultural Bureau Award for Scientific Excellence -2019
- Skills of Communication “Certificates”-2020
- Saudi Cultural Bureau Award for Scientific Excellence -2020
- Basics of management - July 2022

Conferences and Presentation:

- **Fahad T. Alotaibi, MSc, Bo Peng, PhD, Anna Lee, MDCM, PhD, Mohamed A. Bedaiwy, MD, PhD, and Paul J. Yong, MD, PhD. “Plasminogen Activator Inhibitor-1 (PAI-1) Expression in Endometriosis”** Poster presentation, **The 13th World Congress on Endometriosis, Vancouver, Canada, May 2017**
- **Fahad T. Alotaibi, MSc, Bo Peng, PhD, Anna Lee, MDCM, PhD, Mohamed A. Bedaiwy, MD, PhD, and Paul J. Yong, MD, PhD. “Plasminogen Activator**

Inhibitor-1 (PAI-1) Expression in Endometriosis” Poster presentation, **The Academic Day, The University of British Columbia, March 2017**

- **Fahad T Alotaibi, Bo Peng, Mohamed A. Bedaiwy, Paul J. Yong. “Interleukin-1 β , Neurogenesis, and Sexual Pain in Endometriosis”** Oral presentation, **The Society of Endometriosis and Uterine Disorders (SEUD), Montreal, Canada, 2019**
- **Bo Peng, Fahad T Alotaibi, Mohamed A. Bedaiwy, Paul J. Yong. “Anakinra Inhibits Endometriosis-induced Neurogenesis in Vitro”** Oral presentation, **The Society of Endometriosis and Uterine Disorders (SEUD), Montreal, Canada, 2019**
- **Sadaf Sediqi, Fahad T Alotaibi, Paul J. Yong, “Neurogenesis and Interleukin 1 β Expression and its Implications with Deep Dyspareunia in Endometriosis”** Poster presentation, **UBC summer student program, Vancouver, British Columbia, 2019**
- **Fahad T Alotaibi “Nerve Fibres and Sexual Pain in Endometriosis”** Poster presentation, **Knowledge Translation at Sexual Pain Workshop, Vancouver, British Columbia, 2019.**
- **Fahad T Alotaibi, Bo Peng, Sadaf Sediqi, Mohamed A. Bedaiwy, Paul J. Yong. “Interleukin-1 β , Neurogenesis, and Sexual Pain in Endometriosis”** electronic Poster presentation, **Canadian Society for the Advancement of Gynecologic Excellence (CanSAGE), Canada, 2020**
- **Jehad A. Aldali, Fahad T. Alotaibi , Glowi A. Alasiri, Renad A. Almesned, Aroob M. Alromih, Afnan M. Almohandes, Shahd F. Alsenidi "Evaluate the side effect associated with COVID-19 vaccine on adolescents in Riyadh region, Saudi Arabia: A Cross-section study"** Poster presentation, presented by **Aroob M. Alromih, Research Day- College of medicine, Imam Mohammad Ibn Saud Islamic University (IMSIU), Riyadh 2022**

Key Attendances

- 42rd Annual D.A. Boyes Society Meeting & Obstetrics and Gynaecology Clinical Review, Vancouver, Canada, 2018
- 43rd Annual D.A. Boyes Society Meeting & Obstetrics and Gynaecology Clinical Review, Vancouver, Canada, 2019
- COVID-19 Webinar Series: Ask Emergency and Critical Care Specialists, Vancouver, Canada, 2020

Publications in Peer Reviewed Journals

- Christina Williams, MD, Lien Hoang, MD, Ali Yosef, MBBCh, MSc, **Fahad T Alotaibi**, BSc, Catherine Allaire, MD, Lori Brotto, PhD, Ian S. Fraser, MD, DSc, Mohamed A. Bedaiwy, MD, PhD, Tony L. Ng, MD, PhD, Anna F. Lee, MDCM, PhD, and Paul J. Yong, MD, PhD. **“Nerve bundles and deep dyspareunia in endometriosis” *Reproductive Sciences*, 2016; 23(7):892-901.**
- Peng, B., Zhan, H., **Alotaibi, F.T.**, Alkusayer, G. M., Bedaiwy, M. A., & Yong, P. J. **“Nerve growth factor is associated with sexual pain in women with endometriosis” *Reproductive Sciences*, 2017; 25(4):540-549.**
- **Fahad T. Alotaibi, MSc**, Bo Peng, PhD, Christian Klausen, PhD, Anna F. Lee, MDCM, PhD, Amr O. Abdelkareem, MBBCh, MSc, Natasha L. Orr, MSc, Heather Noga, MA, Mohamed A. Bedaiwy, MD, PhD, and Paul J. Yong, MD, PhD. **“Plasminogen activator inhibitor-1 (PAI-1) expression in endometriosis” *PLoS One*, 2019; vol. 14, no. 7, p. e0219064.**
- Amr O. Abdelkareem, MBBCh, MD, Julia R. Naso, MD PhD, **Fahad Alotaibi BS, MSc**, Ghadeer M. AlKusayer, MBBS, MSc, Abdou S. Ait-Allah MD, Salah M. Rasheed MD, Yasser A. Helmy MD, Catherine Allaire MD , Bo Peng, PhD , Paul Yong MD PhD , and Mohamed A. Bedaiwy, MD, PhD. **“Immunoreactivity of**

kisspeptin and kisspeptin receptor in eutopic and ectopic endometrial tissue of women with and without endometriosis” Reproductive Sciences, 2020; doi: 10.1007/s43032-020-00167-w

- Bo Peng†, **Fahad T. Alotaibi**†, Sadaf Sediqi, Mohamed A. Bedaiwy, Paul J. Yong. **“Role of interleukin-1 β in nerve growth factor expression, neurogenesis and deep dyspareunia in endometriosis,” Human Reproduction, 2020; pp. 1–12, † The authors consider that the first two authors should be regarded as joint First Authors.**
- Paul Yong, Mohamed A Bedaiwy, **Fahad Alotaibi**, Michael S Anglesio. **“Pathogenesis of bowel endometriosis” Best Practice & Research Clinical Obstetrics & Gynecology, 2020,**
- **Fahad T. Alotaibi**, Sadaf Sediqi, Christian Klausen, Mohamed A. Bedaiwy, Paul J. Yong. **"Interleukin-1 β and plasminogen activating system members in endometriotic stromal cell migration/invasion" Fertility and Sterility Sciences, 2022**
- **Fahad T. Alotaibi**, Natasha L. Orr, Michael S. Anglesio, Mohamed A. Bedaiwy, and Paul J. Yong. **“Prospective study of neuroproliferative deep endometriosis” (Ready to be submitted)**
- Wilson, M.R.*, Reske, J.J.*, Holladay, J., Neupane, S., Ngo, J., Cuthrell, N., Wegener, M., Rhodes, M., Adams, M., Sheridan, R., Hostetter, G., **Alotaibi, F.T.**, Yong, P.J., Anglesio, M.S., Lessey, B.A., Leach, R.E., Teixeira, J.M., Missmer, S.A., Fazleabas, A.T., Chandler, R.L. **“ARID1A mutations promote P300-dependent endometrial invasion through super-enhancer hyperacetylation” Cell Reports.** [in press]. 2020. *these authors contributed equally

- Jihad A. Aldali, **Fahad T. Alotaibi** , Glowi A. Alasiri, Renad A. Almesned, Aroob M. Alromih, Afnan M. Almohandes, Shahd F. Alsenidi "**Evaluate the side effect associated with COVID-19 vaccine on adolescents in Riyadh region, Saudi Arabia: A Cross-section study**" **Saudi Medical Journal**, 2022

References

- Dr. Paul Yong (Paul.Yong@vch.ca)
- Dr. Christian Klausen (klausen@mail.ubc.ca)
- Dr. Anna Lee (Anna.Lee@cw.bc.ca)