

Curriculum Vitae

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Professional Links

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Brief Biography

I graduated from Simon Fraser University (SFU) with a doctoral degree in biological sciences and currently working as a post-doctoral researcher at King Abdullah International Medical Research Center (KAIMRC). My research interests are in experimental pharmacological sciences involving plant-based natural health products and their phytochemical constituents. My research involves investigating the anticancer properties of selected traditional medicines on breast and liver cancers. I'm also investigating traditional medicines that increase melanocyte proliferation and enhance melanogenesis. Currently, I acquired interest in research involving metabolic interactions and hormonal imbalances due to consumption of certain herbs and foods by sensitive local populations.

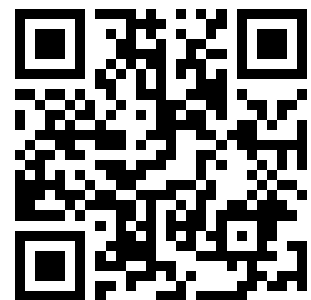
Education

1. From 1994 to 1999

Institute: King Saud University, Faculty of Applied Medical Sciences

Location: Riyadh city, Saudi Arabia

Degree: Bachelor's (B.Sc.) in Clinical Laboratory Sciences.



2. From 1999 to 2000
 Institute: King Faisal Specialist Hospital and Research Centre
 Location: Riyadh city, Saudi Arabia
 Certificate: One-year internship in all clinical laboratory sections and phlebotomy.
3. From 2008 to 2016
 Institute: Simon Fraser University, Faculty of Science
 Location: Burnaby city, British Columbia, Canada
 Degree: Doctor of Philosophy (Ph.D.) in Biological Sciences

Current and Past Employment

1. From 2000 to 2004
 Employer: King Faisal Hospital and Research Centre
 Location: Riyadh city, Saudi Arabia
 Job Title: Medical Technologist and Quality Assurance Personnel
 Section/Department: Pathology and Laboratory Medicine (Toxicology and Bioanalysis)
2. From 2005 to 2006
 Employer: King Fahad Medical City
 Location: Riyadh city, Saudi Arabia
 Job Title: Medical Technologist
 Section/Department: Laboratory (Toxicology)
3. From 2006 to 2008
 Employer: King Abdulaziz Medical City
 Location: Riyadh city, Saudi Arabia
 Job Title: Medical Technologist II and Quality Assurance Personnel
 Section/Department: Laboratory (Toxicology)
4. From 2008 to 2016
 Employer: King Saud Bin Abdulaziz University for Health Sciences
 Location: Saudi Arabia
 Job Title: Employee on leave (scholarship)
5. From 2016 to Present
 Employer: King Abdullah International Medical Research Center
 Location: Riyadh city, Saudi Arabia
 Job Title: Post-Doctoral Researcher
 Section/Department: Medical Genomics

Current Memberships

1. The Saudi Pharmaceutical Society
 Website: www.saudipharmsociety.com/
 Society member since 2018, Jan 02.
2. The Canadian Journal of Pure and Applied Sciences
 Website: www.cjpas.net
 Member of board of editorial advisors since 2018, July 19.

3. The Saudi Biological Society
Website: www.saudibiosoc.ksu.edu.sa/en
Society member since 2018, August 05.

Current Funded Research Projects

1. Research Project Title: From medical herbalism to phytotherapy for vitiligo: comprehensive study of selected Saudi medicinal plants for their activity on proliferation rate and melanogenesis in human melanocytes.
Funding Institution: King Abdullah International Medical Research Center
Reference Number: RC15/133/R
Role: Principle Investigator
2. Research Project Title: The estrogenic potencies of selected herbal medicines and traditional foods commonly-consumed among the Saudi Arabian population.
Funding Institution: King Abdullah International Medical Research Center
Reference Number: RC16/175/R
Role: Principle Investigator
3. Research Project Title: The modulatory effects of selected Saudi Arabian traditional herbal medicines on human metabolic phase-I cytochrome P-450 enzymes gene expression.
Funding Institution: King Abdullah International Medical Research Center
Reference Number: RC17/093/R
Role: Principle Investigator

Publications

1. Bogusz, Maciej J., Samir Abu El Hajj, Zeyad Alehaideb, Huda Hassan, and Mohammad Al-Tufail. "Rapid determination of benzo (a) pyrene in olive oil samples with solid-phase extraction and low-pressure, wide-bore gas chromatography–mass spectrometry and fast liquid chromatography with fluorescence detection." *Journal of Chromatography A*, vol. 1026, no. 1 (2004): 1-7.
2. Alehaideb, Zeyad, Yao Meicun, and Francis CP Law. "Herb-herb interactions: *Scutellaria baicalensis/Rhei rhizome* and *Scutellaria lateriflora/Rhei rhizome*." 6th Annual Meeting of the Natural Health Product Research Society of Canada, 2009 in Vancouver, British Columbia. Abstract published in *Journal of Pharmaceutical Biology*, vol. 47 (2009): 27- 28.)
3. Ali, Sara FM, Ben HH Shieh, Zeyad Alehaideb, M. Z. Khan, Alvin Louie, Noor Fageh, and Francis CP Law. "A review on the effects of some selected pyrethroids and related agrochemicals on aquatic vertebrate biodiversity." *Canadian Journal of Pure and Applied Sciences*, vol. 5, no. 2 (2011): 1455-1464.
4. Alehaideb, Zeyad Ibrahim. "Inhibition of Caffeine Metabolism in Humans by Furanocoumarin-Containing Plant Extracts: In Vivo and In Vitro Studies." PhD diss., Science: Biological Sciences Department, 2016. <http://summit.sfu.ca/item/16361>
5. Alehaideb, Zeyad, Mohamed Sherifdeen, and Francis CP Law. "Furanocoumarin bioactives in the *Apiaceae* and *Rutaceae* families of plants." *Canadian Journal of Pure and Applied Sciences*, vol. 11, no. 2 (2017).

6. Al-Hujaily, Ensaf, Tanvir Khatlani, Zeyad Alehaideb, Rizwan Ali, Bader Almuzaini, Bahauddeen Alrfaei, Jahangir Iqbal, Imadul Islam, Shuja Malik, Bader Marwani, Salam Massadeh, Bader Muzaini, Atef Nehdi, Barrak Alsomaie, Bader Debasi, Ibraheem Bushnak, Saeed Noibi, Syed Hussain, Wahid Wajid, Jean-Pierre Armand, Sheraz Gul, Julen Oyarzabal, Rana Rais, Chas Bountra, Ahmed Alaskar, Bander Knawy, and Mohamed Boudjelal. "Therapeutics discovery: From bench to first in-human trials." *Biomedical Reports*, vol. 8, no. 3 (2018): 275-282. doi:10.3892/br.2018.1052.
 7. Ali, Sara FM, Zeyad Alehaideb, and Francis CP Law. "Effects of Theophylline on CYP1A2-mediated Caffeine Biotransformation in Human Liver Microsomes." *Canadian Journal of Pure and Applied Sciences*, vol. 12, no. 2 (2018): 4475-4480.
 8. Alehaideb, Zeyad, Kimberly C Chin, Mei Cun Yao, and Francis CP Law. "Predicting the Content of Anthraquinone Bioactive in *Rhei rhizome* (*Rheum officinale* Baill.) with the Concentration Addition Model." *Saudi Pharmaceutical Journal* vol. 27, no. 1 (2019): 25-32.
 9. Sherifdeen, Mohamed, Zeyad Alehaideb, and Francis CP Law. "Caffeine/*Angelica dahurica* and caffeine/*Salvia miltiorrhiza* metabolic inhibition: in vitro and in vivo studies in humans." Submitted to *Journal of Toxicology Reports* on December 16, 2018.
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