



# Abdulaziz Abdullah Almotlak, MS, PhD

POSITION: Assistant Professor

## Personal Data

Nationality | Saudi

Date of Birth | 28-01-1990

Department | Pharmacology

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Office

Phone No. | ---

## Language Proficiency

Language	Read	Write	Speak
Arabic	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2020	Doctor of Philosophy (PhD) in Pharmacology	USA	Department of Pharmacology, University of Minnesota, Minneapolis, MN.
2017	Master of Science (MS) in Pharmacology	USA	Department of Pharmacology, University of Minnesota, Minneapolis, MN.
2012	Bachelor of Pharmacy	KSA	School of Pharmacy, King Saud University, Riyadh. Saudi Arabia

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Cancer Pharmacology. Thesis: <i>Targeting ERb/HER oncogenic network in lung cancer: synergistic antitumor interaction and potentiation of anti-PD1 efficacy.</i>
MS	Cancer Pharmacology. Thesis: <i>Targeting estrogen receptor and ERBB kinases in non-small cell lung cancer.</i>



### Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date	Date
Head of the Research Unit	Imam Abdulrahman Bin Faisal University, College of Clinical Pharmacy. Dammam, Saudi Arabia	2021	To date
Assistant Professor, Department of Pharmacology	Imam Abdulrahman Bin Faisal University, College of Clinical Pharmacy. Dammam, Saudi Arabia	2020	To date
Lecturer, Department of Pharmacology	Imam Abdulrahman Bin Faisal University, College of Clinical Pharmacy. Dammam, Saudi Arabia	2018	2020
Teaching assistant, Department of Pharmacology	Imam Abdulrahman Bin Faisal University, College of Clinical Pharmacy. Dammam, Saudi Arabia	2013	2018.
Pharmacist Licensed by SCHS	King Fahad Medical City, Riyadh, Saudi Arabia.	2012	2013

### Scientific Achievements

#### Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1.	Jill M. Siegfried, Christian Njatcha, Mariya Farooqui, and <b>Abdulaziz A. Almotlak.</b>	Prevention of tobacco carcinogen-induced lung tumor development by a novel STAT3 decoy inhibitor.	Cancer Prevention Research Jul 2020. IF: 3.4



2.	Ozgun Kilic, Marcos R. Matos de Souza, <b>Abdulaziz A. Almotlak</b> , Yiao Wang, Jill M. Siegfried, Mark D. Distefano, and Carston R. Wagner	Anti-EGFR fibronectin biospecific chemically self-assembling nanorings (CANs) induce potent T cell mediated anti-tumor response and downregulation of EGFR signaling and PD-1/PD-L1 expression.	<i>Journal of Medicinal Chemistry</i> <b>2020</b> 63 (18), 1023510245. <b>IF: 6.2</b>
3.	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Jill M. Siegfried	Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer	<i>Journal of Thoracic Oncology</i> . Jan 2020. <b>IF: 13.3</b>

### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Laura P Stabile, Jill M. Siegfried	Modulation of the tumor microenvironment by targeting the ERb/HER oncogenic network in lung cancer produces synergy when followed by immunotherapy. <b>Poster presentation</b>	2020 World Conference on Lung Cancer, WCLC20. International Association for the Study of Lung Cancer IASLC. <i>Virtual meeting</i> . Jan 2021



2.	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Jill M. Siegfried	Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer. <b>Top outstanding Abstract. Short talk.</b>	The 9 <sup>th</sup> Annual Cancer Research Symposium. Masonic Cancer Center, university of Minnesota, Minneapolis MN. USA. Apr 2019
3.	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Jill M. Siegfried	Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer. <b>Poster presentation.</b>	American Association for Cancer Research (AACR), 2019 Annual Meeting. Atlanta, GA. USA. Mar 2019
4.	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Jill M. Siegfried	Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer. <b>Poster presentation.</b>	The 8 <sup>th</sup> Great Lakes Nuclear Receptor Conference (GLNRC), University of Minnesota, Minneapolis MN. USA. Nov 2018
5.	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Jill M. Siegfried	Targeting estrogen receptor and ERBB kinases in nonsmall cell lung cancer. <b>Poster presentation.</b>	2018 Pharmacology Annual Retreat. Department of Pharmacology. University of Minnesota, Minneapolis. USA. Sep 2018
6.	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Jill M. Siegfried	Targeting estrogen and human epidermal growth factor receptors signaling pathways in non-small cell lung cancer. <b>Poster presentation</b>	The 8 <sup>th</sup> Annual Cancer Research Symposium. Masonic Cancer Center. University of Minnesota. Minneapolis, MN. USA. Mar 2018
7.	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui, Jill M. Siegfried	Enhancing the antiproliferative effect of human epidermal growth factor receptor tyrosine kinase inhibitor by targeting estrogen signaling in nonsmall cell lung cancer. <b>Poster presentation.</b>	The 7 <sup>th</sup> Annual Cancer Research Symposium. Masonic Cancer Center. University of Minnesota. Minneapolis, MN. USA. Nov 2016

## Current Research

#	Research Title	Name of Investigator(s)
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1.	Targeting ER and PPAR $\gamma$ as a novel lung cancer prevention strategy	Jill M. Siegfried, Mariya Farooqui, Erika Louiselle and <b>Abdulaziz A. Almotlak</b>
2.	Modulation of the tumor microenvironment by targeting the ER/HER oncogenic network in lung cancer	<b>Abdulaziz A. Almotlak</b> , Mariya Farooqui and Jill M. Siegfried

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1.	The 8 <sup>th</sup> Great Lakes Nuclear Receptor Conference (GLNRC).	University of Minnesota, Minneapolis MN, USA.	Member of the organizing committee

### Membership of Scientific and Professional Societies and Organizations

- Associate member of the American Association for Cancer Research (**AACR**).

### Teaching Activities

#### Training program for new faculty member

#	Course	No./Code	Extent of contribution
1	Training program for new faculty member, IAU	1- Using social media as a teaching tool 2- Promoting positive thinking skill in students 3- Students motivation to learn 4- Flipped classroom 5- Enhancing student's participation through motivation 6- Investigational style of teaching 7- Effective teaching during unrepresented times 8- Boosting student's engagement and interaction 9- Development through peer observation of teaching 10- High quality assessment through the use of rubrics	2 hours for each class delivered online by the deanship of academic development at IAU.



		11- Effective formative assessment in the 21-century classroom	
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#### Undergraduate level:

#	Course	No./Code	Extent of contribution
1	Pharmacology I	PHT X301, PharmD 3 <sup>rd</sup> year, IAU	Course instructor
2	Pharmacology II	PHTX 307, PharmD 3 <sup>rd</sup> year, IAU (ongoing)	Course coordinator
3	Cancer Pharmacology lecture	SPLE preparation course for IAU PharmD students	Course instructor

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Undergraduate	Jekep Omod, Summer Research program, University of Minnesota, Minneapolis, MN. USA	2019	2019
2	Undergraduate	Katelyn Cegla, University of Minnesota, Minneapolis MN. USA.	2019	2019
3	High Schooler	Chintam Chandan, Summer research program at University of Minnesota, Minneapolis MN.	2018	2018

Last Update

08/03/2021