



Abdulaziz Abdullah Almotlak, MS, PhD

POSITION: Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 28-01-1990

Department | Pharmacology

Official IAU Email | aalmotlak@iau.edu.sa

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)

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| PhD | Cancer Pharmacology. Thesis: <i>Targeting ERβ/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 |
|---|--|------|---------|
| 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 Abdulaziz A. Almotlak. | 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, Abdulaziz A. Almotlak , 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> 2020 63 (18), 10235- 10245. IF: 6.2 |



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| 3. | Abdulaziz A. Almotlak , Mariya Farooqui, Jill M. Siegfried | Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer | Journal of Thoracic Oncology. Jan 2020. IF: 13.3 |
|----|---|---|---|

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

| # | Name of Investigator(s) | Research Title | Conference and Publication Date |
|----|---|---|--|
| 1. | Abdulaziz A. Almotlak , Mariya Farooqui, Jill M. Siegfried | Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer. Top outstanding Abstract. Short talk. | The 9 th Annual Cancer Research Symposium. Masonic Cancer Center, university of Minnesota, Minneapolis MN. USA. Apr 2019 |
| 2. | Abdulaziz A. Almotlak , Mariya Farooqui, Jill M. Siegfried | Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer. Poster presentation. | American Association for Cancer Research (AACR), 2019 Annual Meeting. Atlanta, GA. USA. Mar 2019 |
| 3. | Abdulaziz A. Almotlak , Mariya Farooqui, Jill M. Siegfried | Inhibiting pathways predicted from a steroid gene signature yields synergistic anti-tumor effects in non-small cell lung cancer. Poster presentation. | The 8 th Great Lakes Nuclear Receptor Conference (GLNRC), University of Minnesota, Minneapolis MN. USA. Nov 2018 |
| 4. | Abdulaziz A. Almotlak , Mariya Farooqui, Jill M. Siegfried | Targeting estrogen receptor and ERBB kinases in non-small cell lung cancer. Poster presentation. | 2018 Pharmacology Annual Retreat. Department of Pharmacology. University of Minnesota, Minneapolis. USA. Sep 2018 |
| 5. | Abdulaziz A. Almotlak , Mariya Farooqui, Jill M. Siegfried | Targeting estrogen and human epidermal growth factor receptors signaling pathways in non-small cell lung cancer. Poster presentation | The 8 th Annual Cancer Research Symposium. Masonic Cancer Center. University of Minnesota. Minneapolis, MN. USA. Mar 2018 |
| 6. | Abdulaziz A. Almotlak , Mariya Farooqui, Jill M. Siegfried | Enhancing the antiproliferative effect of human epidermal growth factor receptor tyrosine kinase inhibitor by targeting | The 7 th Annual Cancer Research Symposium. Masonic Cancer Center. University of Minnesota. |



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|--|---|--------------------------------|
| | estrogen signaling in non-small cell lung cancer. Poster presentation. | Minneapolis, MN. USA. Nov 2016 |
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Current Researches

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

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 | Katelyen 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

13/10/2020