

## Faculty Portfolio

### **Salem Almuji, B.Pharm., M.Sc., D.Phil.**

Department of Pharmacology  
College of Pharmacy  
King Khalid University  
Email: ssalmujri@kku.edu.sa  
Phone: 0541000548

#### **Education:**

<b>Year of Graduation</b>	<b>Qualifications (Specializations if any)</b>	<b>University/College, Country</b>
2022	Doctor of Philosophy (D.Phil.) in Clinical Medicine	University of Oxford
2017	Master of Science (M.Sc.) in Genes, Drugs and Stem Cells – Novel Therapies	Imperial College London
2013	Bachelor of Science in Pharmacy (B.Pharm.)	King Khalid University

#### **Professional experience:**

<b>Year</b>	<b>Positions</b>	<b>University/College, Country</b>
<b>2023-present</b>	Assistant Professor	King Khalid University, Saudi Arabia
<b>2023-2024</b>	Academic visitor	University of Oxford, United Kingdom
<b>2018-2023</b>	Lecturer	King Khalid University, Saudi Arabia
<b>2015-2018</b>	Research Assistant	King Khalid University, Saudi Arabia

#### **WORK EXPERIENCE:**

Assistant Professor

2023 – present

- Participate in teaching Pharmacology courses to a diverse group of students from medical, dental and pharmacy colleges.

#### **Workshops/ Trainings:**

<b>Year</b>	<b>Title</b>	<b>University/Company, Country</b>
2023	VALIDATE Workshop: One Health in TB and Leishmaniasis	South Africa

## RESEARCH INTERESTS:

### Vaccine and Immunotherapy Development; Skills (In Silico, In Vitro, and In Vivo):

- Antigen Discovery
- Immunopeptidomics
- Immunogenicity (T & B Cells)
- Protective Efficacy
- Antitumor Activity

**Other Interests:** Development of Antimicrobial Agents and Antioxidants.

### Publications:

1. Bitencourt, Julia, Marco Polo Peralta-Álvarez, Morven Wilkie, Ashley Jacobs, Daniel Wright, **Salem Salman Almuji**, Shuailin Li et al. "Induction of functional specific antibodies, IgG-secreting plasmablasts and memory B cells following BCG vaccination." *Frontiers in immunology* (2022). IF 7.3
2. Hasan, Nazeer, Arif Nadaf, Mohammad Imran, Umme Jiba, Afsana Sheikh, Waleed H. Almalki, **Salem Salman Almuji**, Yousuf Hussain Mohammed, Prashant Kesharwani, and Farhan Jalees Ahmad. "Skin cancer: understanding the journey of transformation from conventional to advanced treatment approaches." *Molecular cancer* (2023). IF 37
3. Beg, Sarwar, Obaid Afzal, Imran Kazmi, Ali G. Alkhathami, Shehla Nasar Mir Najib Ullah, Mohammad Y. Alshahrani, **Salem Salman Almuji** et al. "Natural microbial surfactant containing self-nanoemulsifying formulation with improved performance of paclitaxel therapy: A newer avenue in breast cancer treatment." *Journal of Drug Delivery Science and Technology* (2023). IF 5

### Contribution to Book Writing

1. Invited to write a chapter titled "Tuberculosis Vaccines in Preclinical Trials" for the *Tuberculosis Vaccines Book*, intended to be published by Springer Nature Meteor in 2024/2025.

### Conference attendance/presentations:

1. Participated in
2. Presented a poster at the virtual Keystone eSymposia meeting "Tuberculosis: Science Aimed at Ending the Epidemic" in December 2020.
3. Delivered an oral presentation titled "Using Immunopeptidomics and Immunoinformatics to Identify Novel Antigens for Subunit Vaccines Against Tuberculosis" at the Acid-Fast Club Meeting in July 2021.