



DR. ABDULMOHSEN H. ALROHAIMI

Associate Professor
College of Pharmacy
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📍 | Riyadh, Saudi Arabia



Summary

Dr. Abdulmohsen H. Al-Rohaimi holds a PhD in Pharmacology and Experimental Therapeutics (Pharmacogenetics) from Tufts University in Boston, USA. As an executive director at the Saudi Food and Drug Authority (SFDA), he was instrumental in establishing the Clinical trials infrastructure in the kingdom and spearheaded educational awareness programs for community development.

With extensive experience as a chairperson of various scientific and research committees, Dr. Al-Rohaimi has authored two books and published numerous research papers in esteemed journals, focusing on areas such as Nanomedicine, Pharmacogenetics, Biotechnology, and Stem Cell techniques. Committed to addressing global challenges, including economic upheaval and healthcare, he also served as the Dean of the College of Pharmacy, where his leadership contributed to the recognition of the PharmD program by MCPHS University in Boston. all of which align with the Vision 2030 initiatives.

Education

- **2005 | Tufts University, Sackler School of Graduate Biomedical Sciences** **Boston, MA**
PhD. in Pharmacology and Experimental Therapeutics (Pharmacogenetics)
- **2002 | Tufts University** **Boston, MA**
Master' Degree in Science (Periodontology)
- **1998 | King Saud University - College of Dentistry** **Riyadh, KSA**
Bachelor' Degree in Dental Surgery

Academic Appointments

- **2017 - Present | College of Pharmacy - Shaqra University** **Shaqra - KSA**
Associate Professor
- **2021 - 2022 | The Saudi Society for Special Education Center for Artificial Intelligence** **KSA**
Executive Director
- **2017 - 2019 | College of Pharmacy - Shaqra University** **Shaqra - KSA**
Member of the Pharmacy College Council
- **2017 - 2018 | Shaqra University** **Shaqra - KSA**
The General Supervisor of the Recruitment Department
- **2017 - 2018 | Shaqra University** **Shaqra - KSA**
General Supervisor of the Vision 2030 Office
- **2017 - 2018 | Shaqra University** **Shaqra - KSA**
Consultant and Vice Rector for Academic Affairs
- **2013 - 2017 | Shaqra University** **Shaqra - KSA**
Member of Shaqra University Council
- **2013 –2017 | College of Pharmacy - Shaqra University** **Shaqra - KSA**
Dean
- **2012 - 2017 | College of Pharmacy - Shaqra University** **Shaqra - KSA**
Assistant Professor
- **2006 - 2012 | Saudi Food and Drug Authority** **KSA**
Executive Director for research and development drug sector
- **1999 – 2005 | Tufts University, School of Dental Medicine /School of Medicine** **Boston, MA**
Clinical Instructor and Teaching Assistance.

Professional Contributions

As a Reviewer:

- **Aug 2015 |** Review the Manuscript **ID FO-ART-05-2015-000566**, titled "Amelioration of FCA-induced arthritis on topical application of Curcumin in combination with emu oil" for Food & Function.
- **May 2015 |** Review the Manuscript **ID LPDT-2015-0195**, titled "Anti-inflammatory Effects of Eugenol Nanoemulsion as a Topical Delivery System, Pharmaceutical Development, and Technology".
- **May 2015 |** Review the Manuscript **ID PPR-2015-011**, which presents an overview of Pharmacy and Pharmacology Research focused on oral local drug delivery.

As a lead guest Editor:

- Applied Nanomedicine and Therapeutics, **American journal of Nanoscience** "Science Publishing Group"

As an Academic:

- Research and development.
- Community Services.
- Publication.
- Clinical trials.
- Quality and Accreditation

As a Clinician:

- Cosmetic and Implant Surgery.
- Guided Tissue Regeneration.
- Implants and Maintenance Therapy.
- Occlusal Therapy.

As Scientist and Researcher:

- Genetic manipulation, plasmid mini-prep, transfection.
- Protein analysis: polyacrylamide gel electrophoresis, western blotting, high-performance liquid chromatography.
- (HPLC) and more.
- PCR, QPCR, Cloning, Sequencing, and most of The Molecular Biology techniques and Cell culture.

Projects

- Founder and Project Manager for **The National Drug and Poisoning Center**.
- Build the infrastructure for Clinical trials in the kingdom of Saudi Arabia, **SFDA**.
- Founder of **The Saudi Scientific Society for the Application of Artificial Intelligence in Drug Discovery and Health Research**.
- Set up the contribution of Saudi Food and drug authority toward society education and awareness through:
 - **The National Poisoning week.**
 - **National Awareness Programs.**
- Assays for the detection of the asymptomatic carrier state and proof of protection for COVID-19 (**A Collaboration of Research Project**).
Organized by: New Horizons Diagnostics Corp, UMBC, Baltimore, USA.
- Project Manager for **The Infrastructure for Clinical trials** in KSA.
- Project Manager for **Communication and Awareness**.

Committee membership

- **2017 - 2019** | Member of **The Council of the College of Pharmacy** in Dawadmi.
- **2017 - 2018** | Member of **The Permanent Executive Committee for the Draft Strategic Plan**, Shaqra University.
- **2013 - 2014** | Member of **The Permanent Committee for Health Colleges**, Shaqra University.
- **2008 - 2009** | Member of **The Main Research Ethic Committee**, King Saudi University.
- **2007 - 2008** | Member of **National Committee for Bioethics and Medical Ethics**, King Abdul-Aziz City for Science and Technology.
- **2007 - 2008** | Member of **The National Committee for Blood Cord Bank**, Health Services Council.
- **2007 - 2008** | **The National Committee for Strategies of Science and Technology** in KSA.
- **2007 - 2008** | Member of **The National Committee to supervise stem cell banks taken from umbilical cord blood**.
- **2006 - 2012** | Chairperson of **The Public Education and Awareness committee**, SFDA.
- **2006 - 2012** | Chair of **The National Committee for Clinical trials**, SFDA.
- **2006 - 2009** | Member of **Research and Publication Committee**, SFDA.
- **2006 - 2008** | Member of **Similar Medicinal Products (Biosimilar)**, SFDA.
- **2006 - 2007** | Member of **Advisory Council of the National Commission Drug center**.
- **2006 - 2007** | Member of **The Establishment of Pharmacovigilance Center Committee**, SFDA.

Certificates and Achievements

Certificates of academic:

- **2023** | Freelancing Practitioner Certificate in: **Business Analysis – Development**.
- **2007** | Nomination for professionals award, **PRINCETON**
- **2007** | Consultant of Periodontics and dental Implant, **Saudi Commission for Health Specialties**.

Certificates of appreciation:

- **2021** | Attendance “**A Rapid Point of Care Assay for the Detection of the Asymptomatic Carrier State of COVID-19**” as a coach, **The Deanship of Community Service and Continuing Education**.
- **2008** | Participation in the work of the scientific seminar, the subject of which was combating counterfeit medicines, **Naif Arab University for Security Sciences**.
- **2005** | Student Award, **The American College of Clinical Pharmacology**.
- **2004** | Student Award, **The American College of Clinical Pharmacology**.
- **2004** | Academic achievements, **The National Dean List**.
- **1998** | Internship training, **Dental Clinic, King Saud University**.
- **1997** | Regular Student, **The Deanship of Admission and Registration Affairs for King Saud University**.

courses

Information Technology and E-Learning:

- **2023** | The role of artificial intelligence in enabling digital transformation, **Deanship of Information Technology and E-Learning**.

Communication:

- **2007** | The 7 Habits of Highly Effective People (**Signature program**).
- **2007** | Effective Human Communication , **Institute of Public Administration in KSA**.

Project Management:

- **2023** | Misk Startup School Master classes.
- **2009** | The Advanced Value Methods: 3 Day Project Management Course.
- **2009** | The Power of Leaders, **Meirc Training & Consulting**.
- **2008** | Effective Project Management Training (**EPM**), **METHOD Project Management Enablers**.
- **2008** | Microsoft Office Project 2007 : Level I, II, **Execu Train**.
- **2007** | Advertising Campaign: Design and Planning, **Human Resources Professionals (HRP)**.

Clinical Trials and Research Development:

- **2009** | Advance workshop on good clinical practice (**GCP**), **Clinical research inspection**.
- **2009** | Advance workshop: Review of Drug Development in Clinical trials.
- **2009** | The CME/PD activity entitled: 6th Annual Pediatric urology Update Course, **King Fahd Medical City**.
- **2008** | Preliminary workshop: review of Drug Development in Clinical trials.
- **2006** | GCC Evidence Based Clinical Practice Workshop (**Basic & Advance**), **King Saud University**.
- **2005** | Clinical Pharmacology, Drug Development, and Regulation, **Tufts CSDD Institute for Professional Development**.
- **2001** | Advanced Education program in Periodontology, **Tufts University**.

Scholarship and Qualifications Equivalency

Scholarship Decision Abroad:

1. Title of Scholarship: **Doctor of Philosophy**

Awarding Institution: **Ministry of Higher Education**

Scholarship Period: **2002 - 2005**

2. Title of Scholarship: **Master of Science**

Awarding Institution: **Ministry of Higher Education**

Scholarship Period: **1999 - 2001**

Publication

Books:

- Biotechnology and Human Security. (30 % completed)
- Saudi Family Medication Encyclopedia. (60 % completed)
- **2021 | Interindividual Variability of Cytochrome P450 2B Mediated Oxidation in the Human Liver (Abdalmohsen Alrohaimi, Badar Alrohaimi, Nada Alruwais, and Kholoud Aldmasi). Intech open Book series.**

Researches:

- Dr. Al-Rohaimi has a substantial body of research papers published in reputable, highly indexed journals. He has also showcased his research findings at numerous national and international conferences, both in Saudi Arabia and abroad.

Click here for the full text :

<https://www.researchgate.net/profile/Abdalmohsen-Alrohaimi>

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[Abdalmohsen Alrohaimi - Google](#) [الباحث العلمي من](#)

Newspaper:

Dr. Al-Rohaimi has been featured in multiple newspaper for his contributions in elevating the PharmD program at Shaqra University and in the Kingdom.

- **2013 | The College of Pharmacy in Dawadmi launches the “Know Your College” program, Riyadh Issue No. 16439**
- **2013 | Al-Rahimi, Dean, Al Jazeera Issue No. 14916**
- **2009 | Dean of Scientific Research at King Saud University: We will support faculty members New teaching with research grants, Riyadh Issue No. 14876**
- **2009 | Al-Rahimi: The spread of infectious diseases and health and environmental deterioration are one of the challenges that facing sustainable development, Riyadh Issue No. 14845**
- **2008 | A call for investment in biotechnological testing projects and the establishment of a national committee to formulate its policies, Riyadh Issue No. 14498**

Podcasts

- NEJM AI Grand rounds

Presentations in conferences

Dr. Alrohaimi has delivered keynote speeches at multiple conferences, focusing on healthcare challenges and the incorporation of AI in the healthcare sector. Additionally, he has presented on subjects including the regulation of Clinical trials in Saudi Arabia, pharmacogenetics, nanomedicine-based drug delivery, and biotechnology initiatives. It is worth noting that all of his presentations are in line with the objectives outlined in Saudi Vision 2030.

- **2023 | AI's Impact on Healthcare and Pharmaceuticals in Saudi Vision 2030, Zeal's AI Series: Saudi Edition.**
Venue: Narcissus Hotel, Riyadh
- **2023 | Advancing Sound Socio-Economic Ideas and Operations to Better Serve Saudi and the Middle East Region and Humanity.**
- **2017 | Workshop The quality of higher education and the pioneering role of Saudi universities. In publishing Vision 2030, The Seventh International Conference on Higher Education.**
- **2012 | Clinical trials in The Middle East, Turkey and North Africa (Mena).**

Scientific and Research Interests

Molecular Interests:

Interested in detecting drug toxicity through laboratory experiments.

Clinical Concerns:

Dr. Al-Rohaimi has a keen interest in various aspects of human medicine research, encompassing Clinical trials, therapeutics, drug and toxicology data centers, pharmaceutical education, up-to-date guidance in alternative medicine, statistical applications in pharmacy, as well as regulatory frameworks concerning the registration of medicines and cosmetics.

Industrial Interests:

Post-marketing drug studies and monitoring of drug side effects.

Admin Interests:

Pharmacists' programs, pharmaceutical training programs, pharmaceutical sciences programs, as well as participation in several administrative committees to achieve the vision of 2030 University of Shaqra.

Soft Skills

Proven team leadership with a collaborative approach, skilled in public speaking and fostering teamwork. Experienced in recruiting, policy implementation, and team building for a positive work environment

Technical skills

Proficient in a diverse range of technical skills, I bring extensive expertise in business analysis, molecular biology, research, project management, HPLC, assay development, Microsoft Office, pharmacology, PCR, QPCR, analysis, strategic planning, management, Clinical trials, biotechnology, healthcare, pharmaceuticals, GCP, transfection, teaching, clinical research, regulatory affairs, business planning, business strategy, medicine, negotiation, risk management, start-ups, strategy, translational research, organizational development, entrepreneurship, and life sciences. This comprehensive skill set allows me to navigate complex scientific and business environments, drive successful projects, ensure regulatory compliance, and deliver innovative solutions that bridge the gap between research and commercialization in the life sciences industry.

Languages

- **English:** Fluent.
- **Arabic:** Mother language.

