

Prof. Mohamed El-Tanani

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BIO

- A scientist with an international reputation in molecular oncology, translational medicine, and clinical biochemistry, renowned for his work in the molecular mechanisms of malignant transformation, biomarker discovery, small molecule drug discovery and mechanism of action, and translational therapeutics.
- Published over 100 articles in prestigious publications such as JNCI, Cancer Research, Clinical Cancer Research, and Oncogene, and have multiple patents related to the discovery and development of new biomarkers and treatments.
- More than three decades of experience working within the university education system. This has undoubtedly led to an appreciative understanding of the challenges that inevitably arise from the operation of a university and significant experience in management and growth of faculties. Furthermore, an extensive experience in commercialization having secured over £20 million in funding across my career and founded several successful spin-off companies.

EDUCATION

Queen's University Belfast, UK

- PGCHET (Postgraduate Certificate in Higher Education) 2005-2006

University of Liverpool, UK

- PhD (Clinical Biochemistry) 1994-1997
- MPhil (Clinical Biochemistry) 1992-1993

Alexandria University, Egypt

- DSc' (Clinical Biochemistry) 1985-1986
- BSc (Biochemistry) 1977-1981

RECENT ACADEMIC AND CLINICAL EMPLOYMENT HISTORY

Ras Khama Medical and Health Sciences University (RAKMHSU), UAE

2023 – PRESENT

- Vice president of Research and postgraduate affairs
- Dean of College of Pharmacy

Al-ahliyya Amman University (AAU), Jordan

2019 – 2023

- Dean of Faculty of Pharmacy
- Dean of Faculty of Allied Medical Sciences
- Director of pharmacological and Diagnostic Research Centre (PDRC)
- Director of audiology and speech pathology centres | Director of Arena Discovery for Pharmaceutical Industry and Research
 - Proven ability to drive transformational change, enhance outreach and facilitate student success with the results I have achieved in my current role. I lead the faculties, to consistently achieving over 90% ultimate graduation rates, over 95% and 100% first-time pharmacy licensing board examination pass rates, nationally and internationally. Since my appointment the total number of students enrolled in both faculties grew by an average of 20%.
 - Leveraged networking skills to materialise my vision of a PDRC university-wide research centre and secured £4 million in funding for this new state of the art centre.
 - Demonstrated ability to lead efforts to develop a strategy for university research priorities. As a result, I have increased externally funded research attracting from \$150,000 in 2018 to more than \$2,000,000 in 2021.
 - My two faculties at AAU received complete Jordanian accreditation in 2021, and the Faculty of Pharmacy received full ACPE accreditation in 2022 by meeting all twenty-six requirements.

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University of Bradford (UoB), UK

2014 – 2019

- *Anniversary Chair (Professor) in Molecular Pathology and Cancer Therapeutics, School of Pharmacy and Medical Sciences, UoB*
- *Deputy Director of Institute of Cancer Therapeutics, School of Pharmacy and Medical Sciences, UoB*
- *Director of Collaborative Targeted Therapeutics & Diagnostics, School of Pharmacy and Medical Sciences, UoB*
- Developed an extensive track record for developing a robust and mutually beneficial industry engagement program for research, technological innovation, and commercialization. As a result, I was the principal investigator on significant UK projects, including CRUK, Wellcome Trust FP7 (£3.5 million), ITN Marie Curie (£3.5 million), Innovate UK – Biomedical Catalyst, a £2.0 million UK-China competition (SRISF).
- Showed successful experience in progressively responsible research. For example, I lead a research team that used sophisticated techniques to produce targeted medicines (Ran inhibitors). Ran inhibitors have been found, including a monoclonal antibody, two repurposed medicines (MELT2014 and MELT2015), peptides, and a new small molecule that has been confirmed in in vivo preclinical tests. Moreover, during my appointment I secured 5 international medical patents including peptide and nanoparticle formulations, assays, and compounds for use in medicine.
- Made clear my experience with research administration and technology commercialization. Founding multiple successful spin-off companies, such as ARENA, Imhotep Diagnostics and Therapeutics (IDT), and Imhotep Diagnostics Health (IDX health).

Queens University Belfast (QUB), UK

2002 - 2014

- *Professor in Molecular Oncology, School of Medical, Dentistry and Biomedical Sciences, QUB.* 2012-2014
- Established an ability to merge research with industry successfully and grow a faculties research capability. For example, I lead QUB to the achievement of SPUR award, this granted the university's cancer research centre a £15.8 million grant.
- Demonstrated ability to work with faculty, staff, and students as well as community groups of diverse backgrounds. Consequently, I collaboratively built the MSc degree programs in areas such as cancer pharmacology and digital pathology. What's more I enhanced recruitment and retention of students by a significant proportion during my appointment.
- Developed excellent written and verbal communication skills and a strong professional network. Having published over 80 papers in high impact journals, serving as a senior editor and contributor to over 16 high-profile international journals and involvement in over 60 conferences worldwide.

OTHER ACADEMIC AND CLINICAL EMPLOYMENT HISTORY

- 2007-2012 Associate Professor in Molecular Oncology, School of Medical, Dentistry and Biomedical Sciences School, Queen's University Belfast (QUB)
- 2002-2007 Assistant Professor in Molecular Oncology, School of Medical, Dentistry and Biomedical Sciences School, Queen's University Belfast (QUB)
- 1997-2002 Postdoctoral Research Associate, School of Biological Sciences, University of Liverpool
- 1994-1997 Research Associate, School of Biological Sciences, University of Liverpool
- 1993-1994 Consultant Clinical Biochemist, Alexandria University Hospital, Egypt
- 1987-1992 Consultant Clinical Biochemist, King Khalid Hospital, Najran, Saudi Arabia
- 1981-1986 Clinical Biochemist, Alexandria University Hospital, Egypt

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SUMMARY OF ACHIEVEMENTS

- Founder Pharmaceutical and Diagnostic Research Centre (PDRC) with over £4 million funding,
- Developed a new bachelor's degree program in Cosmetic Sciences at AAU in Jordan. The BSc in Cosmetic Sciences, AAU, is Jordan's first degree.
- Founded AAU's first master's degree in speech pathology.
- Founded first master's degree program in Medical Laboratory Sciences in the country's public and private universities.
- Increased students enrolled in both my faculties at AAU grew by an average of 20%. (The number of failing students has dropped in both faculties since I was appointed).
- Recipient of a grant from the National Science Foundation's Scientific Research and Innovation Support Fund (SRISF). (This is the first time in the country that SRISF has awarded a grant to a private university).
- Established AAU's Institutional Review Board (IRB) for human and animal trials.
- Built a modern animal house at AAU and has been given GLP status by the Jordanian Food and Drug Administration.
- Principal investigator on significant UK projects, grossing over £20 million in funding.
- Published over 80 articles in prestigious publications.
- Leader of the team with the two repurposed medicines (MELT2014 and MELT2015), peptides, and a new small molecule that has been confirmed in in vivo preclinical tests.
- Team leader for the development of a Ran liquid test biomarker
- Founder of Imhotep Diagnostics and Therapeutics Ltd. (IDT) (www.imhotepdiagnosticsgroup.com), which now markets over 300 products and a revolutionary diagnostic biomarker in over 30 countries.
- General director of Arena Ltd. (Jordan) for Pharmaceutical Industries and Research.
- Senior editor for numerous high-profile international publications
- Contributor to various major national and international fund organizations as a reviewer

PEER-REVIEWED PUBLISH PAPER

- https://scholar.google.com/citations?view_op=list_works&hl=id&user=fiez7WAAAAAJ