



**Name:** Dr. Wasan Alaa Al Deen Al Taie

**Designation:** Associate Professor of Clinical Biochemistry

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### Educational Qualification

- **PhD in Biochemistry- Chemistry- Clinical Chemistry** from AL-Mustansiriyah University, College of Sciences, Department of Chemistry, Baghdad - Iraq (1996-2000).
  - Title of PhD Thesis: Biochemical studies on Alpha-Fetoprotein (AFP) and some tumor markers in gastric cancer.
  - PhD degree was evaluated as a Clinical Chemistry from the Ministry of Health in Iraq- Baghdad on 17<sup>th</sup> February 2001.
  - Certificate of Equivalency in Biochemistry from the Department of Certificate Equivalence, Ministry of Higher Education in the United Arab Emirates (UAE) on 21<sup>st</sup> July 2009.
- **MSc in Biochemistry – Chemistry** from AL-Nahrain University (Formerly: Saddam University), College of Sciences, Department of Chemistry, Baghdad- Iraq (1993-1996).
  - Title of M.Sc. Thesis: Behavior of organic and organophosphate compounds inhibited soluble and membrane bound acetyl cholinesterase from rat brain.
- **BSc. in Chemistry** from University of Baghdad, College of Sciences, Department of Chemistry, Baghdad – Iraq (1989-1993).

### Professional Career

- 20 years academic experience for undergraduate and postgraduate programs in various universities in Iraq, Libya, Jordan and UAE including 15 years at the universities in the United Arab Emirates such as Mohammed Bin Zayed University for Humanities, Khawarizmi International College, Hamdan Bin Mohammed Smart University , American University in the Emirates, Ajman University and Sharjah University.
- Since 30<sup>th</sup> of August 2021, Dr. Wasan has been appointed as an Associate Professor of Clinical Biochemistry - Full time Faculty at the Department of Basic Sciences, RAK College of Dental Sciences, RAK Medical and Health Sciences University, Ras Al Khaimah, UAE.

	<ul style="list-style-type: none"> <li>• 20 years teaching experience for medical, dentistry, pharmacy, forensic sciences, biotechnology, medical laboratory analysis, sciences and other health and biomedical programs.</li> </ul>
<p><b>Achievements/ Interests/Publications/Awards /</b></p>	<ul style="list-style-type: none"> <li>• Golden Visa holder (10 Years) for Scientists (Scientific Specialization).</li> <li>• Awarded Best Faculty.</li> <li>• Managerial and administrative experience as a Director of Foundation Program, Interim Deputy Acting Dean, Coordinator, Course Leader.</li> <li>• Chairperson and a member of several committees in the universities at where I have worked such as library, curriculum development, training courses and professional development, research, strategic planning, research and ethics , continuing dental education , student affairs, examination, schedule, grade appeal, students' recruitment, clinical committee, infection prevention, control and grievance committees and accreditation committee.</li> <li>• Participated in developing several academic curricula, and assessment tools as per CAA accreditation and international standards.</li> <li>• Created new academic courses' syllabi.</li> <li>• Prepared 9 proposals of the academic health and medical programs.</li> <li>• Prepared chemistry challenging exams for the engineering college admission.</li> <li>• Academic advisor for undergraduate and postgraduate students.</li> <li>• Project management for research grants program. Also reviewer and evaluator for research grants projects at Arab Science and Technology Foundation (ASTF), Sharjah University in 2008.</li> <li>• Member of the panelists for evaluation of the graduation research projects in the universities.</li> <li>• Invited External Examiner for medical, dental, pharmacy and forensic sciences students.</li> <li>• Judge for the universities scientific competitions and conferences.</li> <li>• Published several research articles in peer- reviewed international journals.</li> <li>• Several ongoing research works.</li> <li>• Books publication in nanotechnology and renewable energy.</li> <li>• Clinical experience for 7 years and 6 months in the Medical Analysis Laboratories of the governmental and private hospitals and laboratories.</li> </ul> <p><b><u>Research interest:</u></b></p> <ul style="list-style-type: none"> <li>• Clinical Biochemistry such as Cancer, Tumor Markers, Genetics Diseases, etc.</li> <li>• Proteins, receptors, enzymes, lipid, vitamins, etc.</li> <li>• Applied chemistry in forensic sciences, health, food and environment.</li> <li>• Nanotechnology</li> </ul> <p><b><u>Awards and Appreciation Certificates:</u></b></p> <ul style="list-style-type: none"> <li>• Won and Awarded "<b>Musallam Bin Ham Innovation Award 2022</b>" for the project "Bin Ham Innovation Center for Scientific Research and Statistical Studies".</li> </ul>

	<ul style="list-style-type: none"> <li>• Received several awards, trophies and appreciation certificates from the universities and the local and international organizations.</li> </ul>
<p><b>Conferences/ Workshops / Training / Professional Membership</b></p>	<ul style="list-style-type: none"> <li>• Participated and presented papers in several conferences, workshops, competitions, seminars and training courses.</li> <li>• Presented the research paper “Medwakh Smoking Trends among University Students” in the 11th Annual International Symposium on Environment, Climate Change and Global Warming in the Oxford Round Table. Oxford University, UK in 2015. Certificate was granted.</li> <li>• Invited speaker for many seminars, workshops, conferences and training sessions.</li> <li>• Presented many lectures for the UAE community services.</li> <li>• Prepared and delivered professional training courses to regional and local industrial companies.</li> <li>• Conducted 26 Training courses in Health, Environment, Food and Safety to several local and regional industrial companies.</li> <li>• Completed “GOOD CLINICAL PRACTICE” course. A Certificate of Completion was granted.</li> </ul> <p><b><u>Professional Membership:</u></b></p> <ul style="list-style-type: none"> <li>• Member of American Society for Biochemistry and Molecular Biology (ASBMB), USA.</li> <li>• Member of Canadian Society of Clinical Chemists (CSCC), Canada.</li> <li>• Coordinating Lead Author, Lead Author, Expert, Regional Contributor and Reviewer of the United Nations Environment Program (UNEP) - Sixth Global Environmental Outlook (GEO-6), West Asia.</li> <li>• Member of Emirates Chemical Society.</li> <li>• Volunteer member of Emirates Red Crescent.</li> <li>• Member of Emirates Cancer Society.</li> <li>• Member of Emirates Environmental Group (EEG).</li> <li>• Member of Environmental Friend Society.</li> <li>• Editorial Board Member for Advances in Biochemistry, Science Publishing Group, USA.</li> <li>• Editorial Board Member for the official annual Journal “Chemical Spectra” of the Emirates Chemical Society, UAE.</li> <li>• Reviewer for American Journal of Biochemistry and Biotechnology, Science Publication, UAE.</li> </ul>