

YAMEN ALKHATIB, PhD

Lecturer | Researcher | Analytical & Medicinal Chemistry | Pharmacokinetics

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PROFESSIONAL SUMMARY

Academic Lecturer and Researcher with more than 15 years of experience across university teaching, pharmaceutical research, analytical chemistry, and quality assurance. Holder of a PhD in Medicinal Chemistry with strong expertise in pharmacokinetics, bioavailability, drug delivery systems, and advanced analytical techniques including LC-MS/MS and HPLC. Proven ability to deliver undergraduate and postgraduate teaching, supervise research, develop laboratory-based curricula, and support institutional quality systems in compliance with ISO and GMP standards.

ACADEMIC & PROFESSIONAL EXPERIENCE

Lecturer – Qasyoun Private University (Oct 2022 – Present)

- Developed and delivered undergraduate courses in Biopharmaceutics and Pharmacokinetics.
- Designed laboratory sessions in instrumental analysis, spectroscopy, and chromatography.
- Supervised undergraduate research projects in pharmaceutical and analytical chemistry.
- Prepared course materials, assessments, examinations, and academic evaluations.

Researcher & Head of Quality Assurance Department – Higher Institute for Applied Sciences and Technology (Sep 2020 – Present)

- Led Quality Assurance activities for academic and laboratory operations.
- Implemented and maintained ISO 9001:2015 and ISO/IEC 17025:2017, GMP and GLP systems.
- Supported accreditation readiness, audits, and continuous improvement initiatives.

Teaching Assistant – University Putra Malaysia (2017 – 2020)

- Assisted in lectures, tutorials, seminars, and laboratory practicals.
- Supervised student research activities and assessments.
- Provided academic support, feedback, and grading.

Teaching Assistant – International Medical University (2015 – 2017)

- Supported undergraduate teaching in analytical and pharmaceutical chemistry.
- Assisted in laboratory supervision and final-year project mentoring.

Chemist – Higher Institute for Applied Sciences and Technology (Mar 2011 – Mar 2015)

- Performed analytical assays using HPLC, GC, GC-MS, FTIR, titration, and balances.
- Developed, validated, and implemented analytical methods.
- Conducted instrument calibration and quality control testing.

Analytical Chemist – Avenzor for Pharmaceutical Industries (Feb 2009 – Feb 2011)

- Developed and validated analytical and cleaning validation methods.
- Performed routine and non-routine pharmaceutical analysis.
- Ensured GMP compliance within laboratory operations.

EDUCATION

PhD in Medicinal Chemistry – University Putra Malaysia (2020)

- Research on pharmacokinetics, metabolism, and bioavailability of liposomal drug delivery systems.
- Developed and validated LC-MS/MS bioanalytical methods using Orbitrap mass spectrometry.
- Designed liposomal formulations to improve solubility and bioavailability.

MSc in Analytical & Pharmaceutical Chemistry – International Medical University (2017)

- Thesis on in vivo pharmacokinetics and oral bioavailability using UPLC-QQQ-MS/MS.

BSc in Applied Chemistry – Damascus University (2009)

SKILLS

Teaching & Education: University Teaching, Curriculum Development, Student Supervision, Assessment Design

Research & Technical: Pharmacokinetics, Bioavailability, Drug Delivery Systems, Method Development, Validation

Analytical Techniques: HPLC, LC-MS/MS, GC, GC-MS, FTIR, NMR, UV-Vis

Quality Systems: ISO 9001, ISO/IEC 17025, GMP

Professional Skills: Communication, Critical Thinking, Scientific Writing

PROFESSIONAL TRAINING & COURSES

- University Teaching
- Teaching Science at University
- Metabolomics: Understanding Metabolism in the 21st Century
- LC-MS Based Metabolomics in Natural Product Research
- Best Practices for Phytochemical Research in Drug Discovery
- ISO 9001:2015 Quality Management Systems
- ISO/IEC 17025:2017 Laboratory Management Systems