

Name: Myasar Al-kotaji

Dean of the college of pharmacy, Ninevah University.



Nationality: Iraqi

Gender: Male

Current address: College of pharmacy-Ninevah University, Mosul, Iraq.

E-mail: pharmacy.dean@edocs.uoninevah.edu.iq,
myasar.alkotaji@uomosul.edu.iq

Qualifications

Degree	Graduation Year	Donar University	Speciality
PhD	2012	University of Manchester (UK)	Pharmaceutics/ Biomolecular Drug delivery
Master	2003	University of Baghdad (Iraq)	Pharmaceutics
Bachelor	1998	University of Mosul	Pharmacy

Work history and experience

Job	Organization	Period
Dean of college of pharmacy	University of Ninevah Iraq	12-2020 to date
Assistant professor	College of Pharmacy- University of Mosul	Since 8-12-2019
Head of the department of pharmaceuticals	College of Pharmacy- University of Mosul	2017 until 12-2020
Lecturer and acting head of department of pharmaceuticals	College of Pharmacy- University of Mosul	2013- 2017
Visiting lecturer	College of Pharmacy- University of Dohok	2013-2014
Research Associate	School of pharmacy, University College of London (UCL)	2018-2019
Teaching assistant	School of pharmacy, Manchester university	2009-2012
Assistant lecturer	College of Pharmacy- University of Mosul	2003-2013

Demonstrator	College of Pharmacy- University of Mosul	1999-2000
Pharmacist	Ninavah hospitals and Ninavah drug industry	1998-1999

Memberships and Committee position

	Position	From	To
1	Membership of Iraqi syndicate of pharmacy (qualified pharmacist since 1998)	1998	date
2	Member of the curriculum committee of the college of Pharmacy- University of Mosul	2013	2015
3	Member of the Scientific committee of College of Pharmacy- University of Mosul	2017	date
4	Member of the controlled release society	2012	2014
5	Representative of academic staff at the college of pharmacy-University of Mosul	2013	2014
6	Member of the Medical Association in Iraq	2004	2008

7	Member of the editorial board of Iraqi journal of pharmacy	2019	date
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Publications

1. A dual uptake mechanism for the peptide Tat-LK15, <i>Drug Discovery Today</i> , Volume 15, Issues 23-24, December 2010, Page 1095 , Myasar Alkotaji , Alain Pluen .
2. Improved Tat-mediated plasmid DNA transfer by fusion to LK15 peptide, <i>Journal of Controlled Release</i> , Volume 143, Issue 2, 2010 Pages 233-242, Amer F. Saleh, Harmesh Aojula, Yamini Arthanari, Shaun Offerman, Myasar Alkotaji , Alain Pluen.
3. On the cellular uptake and membrane effect of the multifunctional peptide, TatLK15, <i>Journal of Pharmaceutical Sciences</i> , Volume 103 , Issue 1, pages 293-304, January 2014. Myasar Alkotaji , Alain Pluen, Egor Zindy, Zahra Hamrang and Harmesh Aojula.
4. Preparation and evaluation of meloxicam solid dispersions by solvent evaporation method. <i>International research journal of pharmacy</i> . Volume 5, Issue 11, 2014. Al-nima Amina, Myasar Al-kotaji and Ahlam Khayrollah.
5. Formulation and evaluation of nystatin microparticles as a sustained release system. <i>Iraqi J pharm Sci</i> Vol 24 , issue 2, 2015. Sara T Ismail, Myasar Al-kotaji and Ahlam ahmed khayrallah.
6- Ophthalmic in-situ sustained gel of ciprofloxacin, preparation and evaluation study. <i>International journal of applied pharmaceutics</i> 10(4):153, 2018. Fadia Albazaz, Myasar Alkotaji .

- 7- # Preparation and evaluation of ultrasound transmission gel. **Asian journal of pharmaceutical and clinical research , vol 12 (1) 2019.** Amina m al-nima, **Myasar Al-kotaji**, Osamah al-iraqi, Zahraa h ali.
- 8- Formulation of orally disintegrating tablets of cinnarizine by using direct compression method. International Journal of Applied Pharmaceutics. 11(1), 2019. Rasha khalid dhahir, **Myasar Al-kotaji.**
- 9- Comparative study of different meloxicam generic products with the brand product. Al Mustansiriyah Journal of Pharmaceutical Sciences. Vol 19 (4) 2019. **Myasar Al-kotaji**
- 10- Comparative study of new formula of ultrasound gel with commercial ultrasound gel. Drug Invention Today . Vol 12 (11) 2019. **Al-kotaji Myasar**, Al-Nima Amina Mudhafar, Zahr Ahmed.
- 11- Azithromycin and Ambroxol as potential pharmacotherapy for SARS-CoV-2. International Journal of Antimicrobial agents, December 2020. **Myasar Alkotaji.**
- 12- The influence of Tat-derived peptide (Tat-LK15) on the uptake of membrane p-glycoproteins substrate (Calcein AM). Iraqi journal of pharmacy 2019, **Myasar Alkotaji**, Alain Pluen, Harmesh Aojula
- 13- Formulation, evaluation and anti-microbial potential of topical Licorice root extract gel, Iraqi journal of pharmacy 2020. Amina Mudhafar Al-Nima^{1*}, Zahraa Sedeeq Qasim, **Myasar Al-Kotajil**
- 14- Pulmonary surfactant in COVID-19; A role in etiology and treatment. Iraqi journal of pharmacy 2020, **Myasar Alkotaji 1**, Musab M. Khalaf

15- Indomethacin: Can It Counteract Bradykinin Effects in COVID-19 Patients? Current Pharmacology Reports, **Myasar Alkotaji & Radhwan N. Al-Zidan**

This work, which involves fabricating of ultrasound gel, has been achieved more than 10,000 reading on research Gate.

Conference presentation

	Conference title	Date
	National conference of college of pharmacy, University of Baghdad.	Baghdad, 2002
	National conference of Ninevah drug industry on GMP	Mosul, 2006
	National conference of Iraqi syndicate of pharmacy	Baghdad 2005
	WHO workshop on response to medical crisis	Amman, Jordan 2005
	Cellular drug delivery conference (Cardiff)	(Cardiff, UK October 2009).
	Conference of the Academy of Pharmaceutical Sciences APS (Nottingham)	(Nottingham, UK September 2010)
	Annual meeting of the controlled release society Canada	(Quebec, Canada July 2012)
	Second national conference for college of pharmacy, University of Mosul	Mosul, May 2013
	Conference of Iraqi syndicate of physician, Baghdad	Baghdad, February 2018

	Chemistry conference of college of science, university of Mosul	Mosul, October 2018
	Cancer and oncology Research Endeavor symposium	Erbil, February2020
	Corona pandemic present and future	Virtual 2020
	Several local symposiums and conferences. Speaker in different activities organized by syndicate of pharmacy	1999-2020

Academic Supervision

Student name	Topic of the Study	Thesis title
Amina Alnima	M.Sc. Pharmaceutics	Formulation and Evaluation of Meloxicam Mouth Dissolving Films Using Solid Dispersion Technique
Sara Taha	M.Sc. Pharmaceutics	Formulation and evaluation of Nystatin microspheres as a topical dosage form
Fadia Albazaz	M.Sc. Pharmaceutics	Formulation of ophthalmic <i>in-situ</i> gel as prolong release ciprofloxacin
Rasha Dhahir	M.Sc. Pharmaceutics	Formulation of orally disintegrating tablets of cinnarizine by using direct compression method and lyophilization method

Zahraa Hussain	M.Sc. Pharmacy	Formulation of insitu nasal gel of antipsychotic drug as a novel drug delivery system
Amal Fakhrulddin	M.Sc. Pharmacy	Improving mechanical and formulation performance of paracetamol by co-crystal formation
Alaa Rakan	M.Sc. Pharmacy	Preparation, in vitro evaluation and pharmacodynamics study of minoxidil topical emulgel
10 students	Undergraduate students	Different graduation projects (pharmaceutics)

Awards

Ministry of higher education and scientific research scholarship for PhD in pharmacy in UK.

Research associate fellowship at University College of London 2019

Research experience

- Macromolecular drug delivery, Gene delivery, peptide delivery, Tissue culture, Fluorescent techniques (confocal microscopy, flow cytometry, fluorescence microscopy, image analysis). Mass spectrometry, analytical and preparative HPLC, peptide labeling and purification.
- Formulation of solid dosage forms, tablets and capsules, rapidly disintegrating tablets.
- Formulation of new DDS such as microspheres. Oral dispersible film, In-situ gel.
- Formulation of semisolid, gel dosage form.
- Formulation of ophthalmic dosage form
- Nanotechnology, microparticles. Freeze drying, DLS, organic synthesis. Working at Prof. Ijeoma Uchegbu lab (UCL) on preparation of nanoparticles for nasal to brain delivery of antipsychotic drug and working on preparation of nanoparticles for eye drops for posterior eye disease.

<https://www.researchgate.net/profile/Myasar-Alkotaji>

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https://scholar.google.com/citations?user=K_PpbqYAAAAJ&hl=en

Teaching Experience

Throughout 22 years of acting in Academia, I have worked as main teacher for these modules:

Pharmaceutical calculation, Pharmaceutical technology, Industrial pharmacy, Pharmacokinetics, Pharmaceutical biotechnology, Advanced drug delivery system, Product development, Dosage form design and Biopharmaceutics.

Administrative experience

Acting head of pharmaceuticals department, college of pharmacy, University of Mosul for 2 years.

Head of the pharmaceuticals department for more than 3 years.

Dean of college of pharmacy-university of Ninevah since December 2020.

Public engagement

Voluntary working in different relief organization