

C.V.

Name: Masar Basim Mohsin Mohamed

Date of birth: 18-10-1971

Sex: female

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Education:

- 1- B.Sc. in pharmacy (1994) from the College of Pharmacy/university of Baghdad.**
- 2- M.Sc. in pharmacy (Pharmaceutics) (2004) from College of Pharmacy / University of Baghdad.**
- 3- Ph.D. in pharmacy (Pharmaceutics-dosage form design)(2017) pharmacy school /Nottingham University.**

Positions in the pharmacy school

An assistant lecturer from 2005 to 2012 at the College of Pharmacy / AL-Mustansiriyah University. From 2012 to 29/6/2020, I worked as a lecturer, and then from the end of June 2020, I became an Assistant Professor.

Published research

- 1- A nanotechnological approach for enhancing the topical drug delivery by newly developed liquid crystal formulation 2021**
- 2-To consider the organogel of span 40 and span 60 in sesame oil as a new member in the gastroretentive drug delivery system-2020**
- 3-Organogel investigations as a floating oral system with depot property - 2020**
- 4-Formulation of metoclopramide HCl gastroretentive film and In vitro-In silico prediction using Gastroplus® PBPK software 2022**
- 5- Effect of propylene glycol, poly ethylene glycol 400 and pH on the release and diffusion of Ibuprofen from different topical bases - 2011**
- 6- Effect Of Different Variables On The Formulation Of Sodium Alginate Beads- 2024**
- 7- Study the Effect of 12-Hydroxyoctadecanoic Acid Concentration on Preparation and Characterization of Floating Organogels using Cinnarizin as Modeling Drug-2022**

- 8- Design and evaluation of molecular organogel based on folic acid as a potential green drug carrier for oral route-2022**
- 9- Oily in situ gels as an alternative Floating platform for ketoconazole release- 2020**
- 10- Formulation and Evaluation of Trifluoperazine HCl as rectal suppositories by using different types of surfactants in Cocoa butter 2019**
- 11-IN SITU GEL AS PLATFORM FOR KETOCONAZOLE SLOW RELEASE DOSAGE FORM-2018**
- 12-Formulation and Assessment of Delayed/Slow-Release Diclofenac Sodium Edible Organogel Utilizing Low Molecular Weight Organogelators-2023**
- 13-Effect of storage condition on the physicochemical properties of ibuprofen-2020**
- 14- Application of stearic acid in organogel as a floating system-2020**
- 15-Formulation and Characterization of Curcumin 12-Hydroxystearic Acid in Triacetin Organogel for Topical Administration-2024**
- 16-Fabrication, Characterization and in vitro Evaluation of Prednisolone Sustained Release Multiparticulate System for Colonic Targeting-2023**
- 17-Binary or ternary mixture of solid dispersion: Meloxicam case-2022**
- 18- Quick Pharmaceutical steps for preliminary evaluation of a compound as a possible oral prodrug- 2011**
- 19-Curcumin-Loaded Organogel for The Topical Skin Disorder Based on 12-Hydroxystearic Acid-2024**
- 20- Effect of milling time on the release of Meloxicam-HPMC milled mixture-2020**
- 21-Few factors affecting the buoyancy and release of theophylline from hydrodynamically balanced delivery system-2011**
- 22-Design and evaluation of electrospun fibers for unidirectional buccal delivery of atorvastatin-2025**
- 23-A Review of Herbal and Medicated Lipsticks: The General Cons and The Metal Contamination-2025**
- 24-Forecasting in vivo pharmacokinetics of metformin HCl floating beads using Gastroplus® PBPK-2025**

25-Electrospinning Fibres Mucoadhesive Buccal Tablet using Atorvastatin Calcium Trihydrate as modeling drug: Preparation and Characterization-2025

26-Application of dumping and transfer methods to study in vitro dissolution behavior and precipitate of the poor water soluble weak base drug: Carvedilol case-2025

27- Formulation and Evaluation of Telmisartan Nanoparticles via the Evaporative Antisolvent Precipitation Technique-2025

28-Methyl thiazolyl tetrazolium cytotoxicity analysis and evaluation of acyclovir based organogel lipstick; an in-vitro and experimental study - 2025

29-Dissolution methods to discriminate in vitro dissolution of poor water soluble weak base drug using three strategies: Acid modification, solvent evaporation and gastroretentive... 2025

30-Preparation and Characterization of Hydroxypropyl methylcellulose Gastroretentive Film using Metoclopramide HCl-2022

31- Organogels for intratumoural delivery-2017

32- Factors affecting the diffusion of meloxicam from different bases- 2005

Conferences and meetings:

-APS-PharmSci in the University of Nottingham 2015

- APS-PharmSci in the University of Strathclyde 2016

- The first scientific conference of the pharmacy school- Mustansiriyah University (2010)

-The 6th scientific conference of the pharmacy school –Baghdad University.