

Basic Information :

Name : Asmaa Mandour
Title : Associate professor



Dr. Asmaa Abdelkareim Mandour, Lecturer of Pharmaceutical chemistry - Department of Pharmaceutical chemistry. She has a PH.D and MSC degree in Pharmaceutical Chemistry from Cairo university

Education:

Certificate	Major	University	Year
PhD	Pharmaceutical Chemistry		2015
Masters	Pharmaceutical Chemistry		2010
Bachelor			2000

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Acting As Head of Dept	01/09/2012	Current
Misr International University	Teaching Assistant/ Assistant Lecturer, Pharmaceutical Chemistry Department	01/09/2001	01/10/2010
6th October University	Teaching Assistant, Pharmacognocny and Midicinal Plants	01/02/2001	01/05/2001
Bioequivalence Center (DRC)	Quality Control Manager	01/01/2011	01/01/2012

Researches / Publications :

Discovery of thiazolo[5,4-c]pyrido[2,3-d]pyrimidine, thiazolo[5,4-c]pyrido[2,3-d][1,3]oxazin & thiazolo[4,5-b]pyridine derivatives as novel CDK2 inhibitors: Synthesis, biological evaluation and in-silico studies

Lupeol: an updated review utilizing AI-assisted predictive tools for enhanced therapeutic insights into lupeol's potential for alopecia management

Therapeutic applications of ursolic acid: a comprehensive review and utilization of predictive tools

El-Shiekh R, Mohamed AF, Mandour AA, Adel IM, Atwa AM, Elgindy AM, Esmail MM, Senna MM, Ebid N, Mustafa AM. Hesperidin in Chronic Fatigue Syndrome: An Integrated Analysis of Traditional Pharmacology and Machine Learning Based Therapeutic Predictions. Chemistry & Biodiversity. 2024;03506.

Machine learning tools for the characterization of bioactive metabolites derived from different parts of Ochrosia elliptica Labill. for the management of Alzheimer's disease

Computational antidiabetic assessment of Salvia splendens L. polyphenols: SMOTE, ADME, ProTox, docking, and molecular dynamic studies

Ultrasensitive and Economical Voltammetric Sensor for the Rapid Determination of Anti-Covid Drug Roflumilast and Co-administered Drug Salmeterol in Pharmaceutical Formulation and Human Plasma

Essential oils of Plumeria alba L. and Plumeria rubra L. growing in Egypt: GC/MS analysis, molecular dynamics and in-vitro anti-cholinesterase activity

LC-ESI-MS/MS-Based Comparative Metabolomic Study, Antioxidant and Antidiabetic Activities of Three Lobelia Species: Molecular Modeling and ADMET Study

Murraya koenigii (L.) Sprengel seeds and pericarps in relation to their chemical profiles: new approach for multidrug resistant

Phytochemical characterisation of leaves and stems of Murraya koenigii (L.) Sprengel and Murraya paniculata (L.) Jack and their antibacterial activity against multidrug-resistant Acinetobacter baumannii bacterial infection

Eucalyptus Oils Phytochemical Composition in Correlation with Their Newly Explored Anti-SARS-CoV-2 Potential: in Vitro and in Silico Approaches

Virtual screening approach for the discovery of selective 5 α -reductase type II inhibitors for benign prostatic hyperplasia treatment
Rapid and validated UHPLC method for simultaneous determination of sofosbuvir, ledipasvir and paracetamol as commonly repurposed drugs for COVID-19 treatment: application in spiked human plasma
Natural compounds as possible anti. SARS-CoV-2 therapeutic agents: an in-vitro and in-silico study
Simultaneous spectrophotometric determination of recombined sofosbuvir, ledipasvir and paracetamol together as commonly repurposed drugs for COVID-19 treatment
Simultaneous spectrophotometric determination of recombined sofosbuvir, ledipasvir and paracetamol together as commonly repurposed drugs for COVID-19 treatment
Simultaneous Analysis of Flumethasone Pivalate and Clioquinol in the Presence of Phenoxyethanol Preservative in Their Pharmaceuticals Using TLC and UHPLC Methods
Team-based learning-adopted strategy in pharmacy education: pharmacology and medicinal chemistry students' perceptions
Two Stability Indicating Chromatographic Methods: TLC Densitometric versus HPLC Method for the Simultaneous Determination of Brinzolamide and Timolol Maleate in Ophthalmic Formulation in the Presence of Probable Carcinogenic Oxidative Degradation Product of Timolol Maleate
Synthesis, biological evaluation, and in silico studies of new CDK2 inhibitors based on pyrazolo[3,4-d]pyrimidine and pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidine scaffold with apoptotic activity
Discovery of pyrazolo[3,4-d]pyrimidine and pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidine derivatives as novel CDK2 inhibitors: synthesis, biological and molecular modeling investigations
Design and Synthesis of New CDK2 Inhibitors Containing Thiazolone and Thiazolthione Scaffold with Apoptotic Activity
Review on analytical studies of some pharmaceutical compounds containing heterocyclic rings: brinzolamide, timolol maleate, flumethasone pivalate, and clioquinol
Sequential liquid-liquid extraction coupled to LC-MS/MS for simultaneous determination of amlodipine, olmesartan and hydrochlorothiazide in plasma samples: Application to pharmacokinetic studies.
A novel method for determination of tinidazole and metronidazole in aqueous solutions based on fluorescence quenching of functionalized CdS quantum dots as luminescent probes
An UHPLC (ultra high performance liquid chromatography) Method for the Simultaneous Determination of Norfloxacin, Metronidazole and Tinidazole using Monolithic Column-Stability Indicating Application
Simultaneous Determination of Ciprofloxacin Hydrochloride and Metronidazole in spiked Human Plasma by Ultra Performance Liquid Chromatography- Tandem Mass Spectroscopy
Stability Indicating HPLC Method for the Simultaneous Determination of Ciprofloxacin
Stability Indicating HPLC Method for the Simultaneous Determination of Ciprofloxacin
Simultaneous determination of ciprofloxacin hydrochloride and metronidazole in spiked human plasma by ultra performance liquid chromatography-tandem mass spectroscopy
Simultaneous determination of ciprofloxacin hydrochloride and metronidazole in spiked human plasma by ultra performance liquid chromatography-tandem mass spectroscopy
Stability Indicating HPLC Method for the Simultaneous Determination of Ciprofloxacin