

**Basic Information :**

**Name :** Asmaa Mandour  
**Title :** Associate professor



Dr. Asmaa Abdelkereim 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	Associate Professor	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 :**

- 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 $\alpha$ -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
- 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