



Matrix Science Pharma (MSP)



ADDRESS OF PUBLISHER & EDITOR'S OFFICE

**C-3A-15 Centrio Pantai Hill Park 59200 Kuala Lumpur,
Malaysia**
Tel.: +60 327332657
Fax: +60 327332658

EDITORIAL STAFF:

Editor In Chief

Prof. Dr. Urban John Arnold D' Souza
Faculty of Medicine and Health Sciences
University Malaysia Sabah
Kota Kinabalu Sabah, Malaysia

Dr Maliha Sarfraz
Institute of Pharmacy, Physiology & Pharmacology
University of Agriculture Faisalabad
Pakistan

Managing Editor

Dr Che Suraya Haji Mohd Zin
Deputy Dean Postgraduate and Research
Kulliyah of Pharmacy
International Islamic University Malaysia
Jalan Sultan Ahmad Shah, Bandar Indera Mahkota
25200 Kuantan, Pahang
Malaysia

Dr Laila Jafri
Institute of Chemical Sciences
Bahauddin Zakariya University
Multan, Pakistan

Dr. Zinayyera Subhani
Department of Biochemistry
University of Agriculture
Faisalabad, Pakistan.

Associate Editor

Dr. Yusmazura Zakaria
School of Health Sciences
Health Campus
Universiti Sains Malaysia
Kota Bharu, Kelantan

Assoc. Prof. Dr. Muna Bt Sabri
Faculty of Medicine and Health Sciences
University Malaysia Sarawak
Kota Samarahan
Sarawak, Malaysia

Frequency : Bi-annual (2 issue per year)

ISSN: 2521-0815 (Print)
ISSN: 2521-0432 (Online)

Price:

Single issue: 50 MYR
Price for abroad
Single issue: 25 USD

Web:

<https://www.zibelinepub.com>

E-mail:

info@zibelinepub.com

Contents

	Editorial	
1	INFLUENCE OF DIETARY PROTEIN ON PROXIMATE COMPOSITION OF MORI,CIRRHINUSMRIGALA(HAMILTON)	1-5
2	COMPARATIVE ANTI-BACTERIAL ACTIVITIES OF NIGELLA SATIVA AND LINCOMYCIN IN THE GUT OF BROILER CHICKS	6-12
3	PHARMACOKINETIC STUDY OF CLARITHROMYCIN IN HUMAN FEMALE OF PAKISTANI POPULATION	13-16
4	PHYTOCHEMICAL ANALYSIS ANDANTIBACTERIAL POTENTIAL OF LEAF EXTRACT OF BAUHINIA LINN.: AN ETHNOMEDICINAL PLANT	17-19
5	STATISTICAL ANALYSIS OF RISK FACTORS AFFECTING THE PROGNOSIS OF BILIARY ATRESIA IN INFANTS	20-24
6	TETANUS IN A SURGICALLY CASTRATED BEETAL BUCK: A CASE REPORT	25-26

Editorial

Matrix Science Pharma (MSP) is the journal for pharmaceutical scientists concerned with the physical, chemical and biological properties of devices and delivery systems for drugs, vaccines and biologicals, including their design, manufacture and evaluation. This includes evaluation of the properties of drugs, excipients such as surfactants and polymers and novel materials. The journal has special sections on pharmaceutical nanotechnology and personalized medicines, and publishes research papers, reviews, commentaries and letters to the editor as well as special issues.

Scientific Board

Editorial Team

Dr. Balamurugan Tangiisuran
School of Pharmaceutical Sciences,
Universiti Sains Malaysia,
Pulau Pinang, Malaysia

Assoc. Prof. Dr. Nurzalina Abdul Karim Khan
School of Pharmaceutical Sciences
Universiti Sains Malaysia
Pulau Pinang, Malaysia

Dr. Salizawati Muhamad Salhimi
School of Pharmaceutical Sciences
Universiti Sains Malaysia
Pulau Pinang, Malaysia

Assoc. Prof. Dr. Djuli Acun Darmawan
Faculty of Medicine and Health Sciences
University Malaysia Sabah
Kota Kinabalu Sabah, Malaysia

Assoc. Prof. Dr. Wan Himratul Aznita Binti Wan Harun
Department of Oral Biology &
Biomedical Sciences Faculty of
Dentistry University of Malaya Kuala Lumpur

Associate Prof. Dr. Subha A/P Bhassu
Institute of Biological Sciences
Faculty of Science University of
Malaya Kuala Lumpur, Malaysia

Dr. Wan Syaidatul Aqma Wan Mohd Noor
School of Biosciences and Biotechnology
Faculty of Science and Technology
Universiti Kebangsaan Malaysia
Bangi, Selangor, Malaysia

Dr. Bong Chui Wei
Institute of Biological Sciences
Faculty of Science University of
Malaya Kuala Lumpur, Malaysia

Dr. Mohammad Mustafizur Rahman
Kulliyah of Science International Islamic
University Malaysia, Jalan Sultan Ahmad Shah, Kuantan,
Pahang.

Dr. Jamilah Syafawati Bt Yaacob
Institute of Biological Sciences
Faculty of Science University of
Malaya Kuala Lumpur, Malaysia

Dr. Tang Swee Seong
Institute of Biological Sciences
Faculty of Science University of Malaya
Kuala Lumpur, Malaysia

Dr. Sorayya Bibi Malek Binti Malek Abd Rashid
Institute of Biological Sciences
Faculty of Science
University of Malaya Kuala
Lumpur, Malaysia

Dr. Khanom Binti Simarani
Institute of Biological Sciences
Faculty of Science
University of Malaya
Kuala Lumpur, Malaysia

Dr Hasmah Abdullah
School of Health Sciences
Health Campus
Universiti Sains Malaysia
Kota Bharu, Kelantan

Dr Nik Fakhuruddin Nik Hassan
School of Health Sciences Health
Campus Universiti Sains
Malaysia Kota Bharu, Kelantan