

MUHAMMAD SALAHUDDIN BIN HARIS @ HARITH



- KULLIYAH OF PHARMACY
- IIUM Kuantan Campus
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ACADEMIC QUALIFICATION

- Ph.D in Pharmaceutical Sciences (Pharmaceutical Technology)
- MASTER OF SCIENCE IN PHARMACEUTICAL SCIENCES
- Bachelor in Pharmacy

TEACHING RESPONSIBILITIES

ADVANCED DRUG DELIVERY SYSTEM	2018/2019 2019/2020
ANTI-INFECTIVES AGENTS	2019/2020
CLINICAL PHARMACOKINETICS	2013/2014
DOSAGE DESIGN I	2017/2018 2018/2019 2019/2020
DOSAGE DESIGN II	2018/2019 2019/2020 2020/2021
FAMILY MANAGEMENT AND PARENTING	2019/2020
INDUSTRIAL PHARMACY	2017/2018 2018/2019 2019/2020
ISLAMIC INPUT IN PHARMACY	2018/2019
LEADERSHIP AND MANAGEMENT	2014/2015
PHARMACEUTICAL SCIENCE	2019/2020
PHARMACEUTICS I : PHYSICOCHEMICAL PRINCIPLES	2019/2020
PHARMACOKINETICS AND BIOPHARMACEUTICS	2019/2020
PHYSICAL PHARMACY 1	2018/2019
RESEARCH PROJECT 1	2018/2019 2019/2020
RESEARCH PROJECT 2	2019/2020
RESEARCH PROJECT-LITERATURE SEARCH	2018/2019 2019/2020 2020/2021
STERILIZATION AND ASEPTIC TECHNOLOGY	2017/2018 2018/2019 2019/2020
STUDY CIRCLE 2 (BROTHER)	2014/2015

RESEARCH PROJECTS

In Progress

- 2021 - Present** A novel alternative for higher tablet load of isoniazid and pyridoxine in a single 3D printed tablet for the better compliance among tuberculosis patients.
- 2019 - Present** A novel alternative for higher tablet load of isoniazid and pyridoxine in a single 3D printed tablet for the better compliance among tuberculosis patients.
- 2019 - Present** Profiling of Antibacterial Resistance Pathogens Isolated from the Lift Buttons of Two Hospitals in Malaysia
- 2019 - Present** Development and characterization of nanofibers patch containing nicotine using electrospinning: a novel approach as nicotine replacement therapy.
- 2019 - Present** PHYSICOCHEMICAL CHARACTERIZATION, IN VITRO AND IN VIVO EVALUATIONS OF CHITOSAN ENRICHED WITH SEA CUCUMBER EXTRACT HYDROGEL AS DENTAL HAEMOSTATIC AGENT.
- 2019 - Present** Development, Characterization and Invitro Study of Flax Seed Oil Ointment for Wound Healing
- 2019 - Present** Prototype development of process analytical technology (PAT) continuous production line for Nigella sativa oil (NSO)-alginate microparticles
- 2019 - Present** Formulation and Characterisation of Lab-Scale Calendula Ointment
- 2018 - Present** Microencapsulation of royal jelly in alginate beads using electrospray: a quality-by-design (QbD) approach.
- 2018 - Present** Black Seed Oil Alginate Beads
- 2018 - Present** Ascorbic Acid PLGA Nanoparticles Incorporated With Carbopol-Honey Oral Gel Intended To Treat Oral Squamous Cell Carcinoma
- Unknown - Present** Profiling of Antibacterial Resistance Pathogens Isolated from the Lift Buttons of Two Hospitals in Malaysia
- Unknown - Present** Formulation and Characterisation of Lab-Scale Calendula Ointment

Completed

- 2013 - 2017** Fusion Prophetic Medicine (Honey) and Contemporary Medicine (Paracetamol) as a Future Greener Pharmaceutical

PUBLICATIONS

Article

- 2020** [Screening of electrosprayoperating parameters in the production of alginate-royal jelly microbeads using factorial design.](#) Journal of Pharmacy and Bioallied Sciences

2016 [Spectrophotometric determination of gentamicin loaded PLGA microparticles and method validation via ninhydrin-gentamicin complex as a rapid quantification approach.](#) Journal of Applied Pharmaceutical Science , 6 (1) pp.7-14

Conference or Workshop Item

2020 [Encapsulation of fenofibrate in solid lipid microparticles by central composite face-centred guided by electrospray.](#) In: **International Research Conference on Pharmaceutical and Allied Sciences (IRCPAS 2020)**

2019 [Screening of electrospray operating parameters in the production of alginate-royal jelly microbeads using factorial design.](#) In: **International Conference on Pharmaceutical Research and Pharmacy Practice cum 14th IIUM-MPS Pharmacy Scientific Conference (ICPRP 2019)**

2019 [Effects of different mixing methods towards black seed oil-alginate emulsion characteristics..](#) In: **International Conference on Pharmaceutical Research and Pharmacy Practice cum 14th IIUM-MPS Pharmacy Scientific Conference (ICPRP 2019)**

2016 [Characterization and evaluation of analgesic and antipyretic activities of paracetamol honey suspension \(PHS\) in rats.](#) In: **1st Asia Conference on Pharmaceutical Science**

2016 [Compatibility study between paracetamol and pharmaceutical excipients used in liquid dosage forms.](#) In: **International Conference on Industrial Pharmacy (2nd ICIP 2016)**

2013 [Fusion between contemporary medicine \(paracetamol\) and prophetic medicine \(honey\) as pharmaceutical suspension.](#) In: **3rd International Conference on Medicinal Use of Honeybee Products**

**Book
Book Section**