

MUHAMMAD SALAHUDDIN BIN HARIS @ HARITH



- KULLIYAH OF PHARMACY
- IIUM Kuantan Campus
- Email address:
solah@iium.edu.my

المؤهل العلمي

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

مسؤوليات التدريس

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| 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 |

المشاريع البحثية

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

المنشورات

Article

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

- 2020 [A glimpse on the function of chitosan as a dental hemostatic agent.](#) Japanese Dental Science Review , 56 pp.147-154
- 2020 [PAX9 polymorphism in non-syndromic hypodontia in the Malaysian population.](#) Journal of International Dental and Medical Research , 13 (3) pp.1130-1135
- 2020 [3D-printed drugs: A fabrication of pharmaceuticals towards personalized medicine.](#) Indian Journal of Pharmaceutical Education and Research , 54 (3s) pp.S411-S422
- 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