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KELAYAKAN AKADEMIK

- PhD in Pharmaceutical Science Research
- Bachelor of Engineering

TANGGUNGJAWAB MENGAJAR

Drug Abuse	2017/2018
IMMUNOLOGY	2017/2018 2018/2019 2019/2020
NUCLEAR PHARMACY	2017/2018 2018/2019 2019/2020 2020/2021
PHARMACEUTICAL MICROBIOLOGY	2016/2017 2017/2018 2018/2019
RESEARCH PROJECT 1	2017/2018 2018/2019 2019/2020
RESEARCH PROJECT 2	2018/2019 2019/2020
RESEARCH PROJECT-LITERATURE SEARCH	2018/2019 2019/2020

PROJEK PENYELIDIKAN

In Progress

- 2019 - Present** Preparation, characterisation and cytotoxicity assay of damnacanthal-loaded polymeric nanocapsules for breast cancer therapy
- 2019 - Present** Assessment on suitable hydrocolloids for probiotic encapsulation enhancing its viability and stability
- 2018 - Present** In vitro effect of Tamarindus indica as a potential anti-larvae of screwworm maggots obtained from goats with myiasis
- 2017 - Present** Formulation of 5-Fluorouracil-loaded EGFR-Targeted Hydrogel-Nanocapsule Hybrids for Oral Squamous Cell Carcinoma Therapy
- 2017 - Present** Rheological and Physical Properties characterization of nanoparticles-hydrogel for topical oral drug of oral cancer (targeted drug delivery)

Completed

- 2018 - 2020** In vitro effect of Tamarindus indica as a potential anti-larvae of screwworm maggots obtained from goats with myiasis

Article

- 2019** [Development of biodegradable sustained-release damnacanthal nanocapsules for potential application in in-vitro breast cancer studies.](#) Pakistan Journal of Pharmaceutical Sciences , 32 (5) pp.2155-2162
- 2018** [Engineering human epidermal growth receptor 2-Targeting hepatitis B virus core nanoparticles for siRNA delivery in vitro and in vivo.](#) ACS Applied Nano Materials , xx (xx) pp.1-14
- 2017** [Engineering hepatitis B virus core particles for targeting HER2 receptors in vitro and in vivo.](#) Biomaterials , 120 pp.126-138
- 2017** [Yield optimisation of hepatitis B virus core particles in e. coli expression system for drug delivery applications.](#) Scientific Reports , 7 pp.1-9
- 2015** [Cationic liposome- multi-walled carbon nanotubes hybrids for dual siPLK1 and doxorubicin delivery in vitro.](#) Pharmaceutical Research , 32 (10) pp.3293-3308
- 2015** [Mutation of arginine residues to avoid non-specific cellular uptakes for hepatitis B virus core particles.](#) Nanobiotechnology , 13
- 2011** [Granting specificity for breast cancer cells using a hepatitis B core particle with a HER2-targeted affibody molecule.](#) Journal of Biochemistry , 153 (3) pp.251-256

Conference or Workshop Item**Book****Book Section**