

SITI FAIRUZ BINTI CHE OTHMAN



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
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ACADEMIC QUALIFICATION

- Ph.D in Food Science and Nutrition

TEACHING RESPONSIBILITIES

ANALYTICAL METHODS FOR FUNCTIONAL FOODS AND NUTRACEUTICALS	2017/2018 2018/2019 2019/2020 2020/2021
BIOSTATISTICS	2018/2019 2019/2020 2020/2021
CHEMISTRY & BIOCHEMISTRY OF NATURAL PRODUCT	2019/2020 2020/2021
CHEMISTRY AND BIOCHEMISTRY OF NATURAL PRODUCTS	2017/2018 2018/2019 2019/2020 2020/2021
FINAL YEAR PROJECT	2020/2021
FINAL YEAR PROJECT II	2020/2021
FOOD CHEMISTRY	2017/2018
FOOD PROCESS ENGINEERING	2017/2018 2018/2019 2019/2020 2020/2021
FOOD, NUTRITION AND HEALTH	2017/2018
RESEARCH METHODOLOGY	2017/2018 2018/2019 2020/2021

RESEARCH PROJECTS

In Progress

- 2021 - Present** Hepatotoxicity Studies of Eltrombopag-Loaded PLGA_PEG polymeric Nanocapsules in ITP-Induced Mice Model
- 2019 - Present** Assessment on suitable hydrocolloids for probiotic encapsulation enhancing its viability and stability
- 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)

2004 - Present Functional Food and Nutraceuticals Research Unit (FFNRU)

PUBLICATIONS

Article

2021 [A preliminary studies to assess public knowledge of beach safety in east coast Malaysia.](#) Natural Hazards

2019 [Science@IIUM Issue 2.](#) SCIENCE@IIUM (2) pp.1-40

Conference or Workshop Item

2020 [Marine debris monitoring & assessment using standing-stock survey at selected beaches along Pahang coastline.](#) In: **Research Innovation Commercialisation & Entrepreneurship Showcase (RICES)**

2019 [Marine debris monitoring and assessment using standing-stock survey method at selected recreational beaches along Pahang coastline.](#) In: **Kuantan Research Day 2019**

Book

Book Section