

# M. TAHER BIN BAKHTIAR



- KULLIYAH OF PHARMACY
- IIUM Kuantan Campus
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## KELAYAKAN AKADEMIK

- Ph.D in Bioprocess
- Master in Organic Chemistry
- Bachelor in Pharmacist

## TANGGUNGJAWAB MENGAJAR

ADVANCED DRUG DELIVERY SYSTEM	2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
BIOPHARMACEUTICALS	2010/2011 2011/2012 2014/2015
Biopharmaceutic Biotechnology	2006/2007
Biotechnology and Biopharmaceuticals	2007/2008 2008/2009 2009/2010
Body System V : Gastro-intestinal & Hepato	2008/2009
DOSAGE DESIGN I	2011/2012 2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
DRUG DELIVERY SYSTEMS	2009/2010 2011/2012 2012/2013 2013/2014
Dosage Design II	2012/2013
Drug Delivery System	2010/2011 2011/2012 2012/2013
MEDICINAL CHEMISTRY I	2015/2016
NATURAL PRODUCT & HERBAL MEDICINE	2019/2020
NATURAL PRODUCT CHEMISTRY	2014/2015
NUTRACEUTICAL	2016/2017 2017/2018 2018/2019 2019/2020
Nutriceuticals & Cosmeceuticals	2011/2012 2012/2013 2013/2014 2014/2015 2015/2016
PHARMACEUTICAL BIOTECHNOLOGY & BIOPHARMACEUTICAL	2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
PHARMACEUTICAL QUALITY ASSURANCE	2009/2010
PHARMACEUTICAL SCIENCE	2019/2020

PHARMACEUTICS I : PHYSICOCHEMICAL PRINCIPLES	2019/2020
Pharmaceutical Biotechnology	2006/2007 2007/2008 2008/2009 2009/2010 2010/2011
Physical Pharmacy I	2007/2008
RESEARCH METHODOLOGY	2011/2012
RESEARCH PROJECT 1	2015/2016 2016/2017 2017/2018
RESEARCH PROJECT 2	2016/2017 2018/2019
RESEARCH PROJECT-LITERATURE SEARCH	2012/2013 2015/2016 2016/2017
STERILIZATION AND ASEPTIC TECHNOLOGY	2017/2018 2018/2019 2019/2020
TOXICOLOGY AND DRUG INTERACTIONS	2015/2016
VACCINES	2014/2015

## PROJEK PENYELIDIKAN

### In Progress

- 2019 - Present** - Development and characterization of nanofibers patch containing nicotine using electrospinning: a novel approach as nicotine replacement therapy.
- 2019 - Present** - PRODUCTION OF HYDROGEL SHEET CONTAINING CENTELLA ASIATICA (PEGAGA) FOR WOUND DRESSING APPLICATION
- 2019 - Present** - Mentoring Alfaisal University SPIRIT Program Students
- 2019 - Present** - Identification of alpha-glucosidase inhibitors from Psychotria malayana Jack leaf using multi-platform metabolomics approach and protein-ligand interaction with molecular docking in treating diabetes mellitus
- 2019 - Present** - Determination and characterisation of vitamin B12 from edible green seaweed, *Ulva lactuca*
- 2019 - Present** - Antimicrobial, immunological and tooth remineralisation effect of Deer velvet antler of *Cervus timorensis*.
- 2018 - Present** - EFFECTS OF CO-SOLVENT, TEMPERATURE, PRESSURE ON ASIATICOSIDE CONTENT IN CENTELLA ASIATICA USING SUPERCRITICAL FLUID EXTRACTION
- 2018 - Present** - Microbial Biotransformation of Sesquiterpenoid and Diarylheptanoid from *Curcuma* sp. By Actinomycetes strains towards Anti-Inflammatory and Anti-Cancer Activities

- 2018 - Present** Mechanisms of action of phenolic compounds from *Anacardium occidentale* in stimulating glucose uptake via regulation of GLUT 4 and its related microRNAs in 3T3-L1 Adipocyte Cells
- 2017 - Present** Investigation the Effect of Scented Flower Enfleurage Using Different Lipophilic Carriers on Yield and Phytochemical Constituents of the Produced Essential Oils
- 2017 - Present** Exploring anti-obesity and anti-diabetic potential of the Indonesian Jamu Components in Vitro
- 2016 - Present** Optimizing of asiaticoside purification from *Centella asiatica* extract and development of asiaticoside gel formulation for topical application
- 2016 - Present** Evaluation of lipid lowering therapy use among patients with type 2 diabetes mellitus in Pahang
- 2016 - Present** Multivariate Calibration of Antioxidant Activity of *Momordica charantia* Fruit and its Fourier Transform Infrared Spectroscopy Based Fingerprinting
- 2015 - Present** Mechanism of (-) Hydroxycitric Acid from Dried Fruit of *Garcinia atrovirens* on 3T3-L1 Adipocyte Cells as an Halal Antiobesity Product
- 2015 - Present** Tumor suppressor p73<sup>Δ</sup>-loaded PLGA/chitosan/*Nigella sativa* nanoparticles: A novel non-viral gene delivery system for oral squamous cell carcinoma therapy
- 2015 - Present** Insulin potentiating activity of *Coscinium fenestratum* (Mengkungyit) in pancreatic beta cells
- 2008 - Present** Non-Communicable Diseases Research Unit (NCDRU)

### Completed

- 2018 - -1** Mentoring Six Spirit Scholarship Students for Their Summer Research Training Program at Faculty of Pharmacy
- 2018 - 2019** Pegaga in Hydrogel for Skin Health
- 2016 - 2017** Multivariate Calibration of Antioxidant Activity of *Momordica charantia* Fruit and its Fourier Transform Infrared Spectroscopy Based Fingerprinting
- 2016 - 2017** Evaluation of lipid lowering therapy use among patients with type 2 diabetes mellitus in Pahang
- 2016 - 2018** Investigation of bioactive compounds from *Luvunga scandens* and its cytotoxicity against breast cancer cell
- 2015 - 2019** The Effects of the Antioxidant Active Fractions of *Ficus deltoidea* on Fatty Acid Induced-Insulin Resistance Cells Model as a Potential Therapeutic Agent for Types 2 Diabetes Mellitus
- 2015 - 2019** Insulin potentiating activity of *Coscinium fenestratum* (Mengkungyit) in pancreatic beta cells
- 2015 - 2019** Analysis of nicotine various Malaysian electronic cigarette refilled liquids by gas chromatography Mass spectrometry

- 2015 - 2017** Mechanism of (-) Hydroxycitric Acid from Dried Fruit of *Garcinia Atroviridis* on 3T3-L1 Adipocyte Cells as an Halal Antiobesity Product
- 2015 - 2019** Tumor suppressor p73<sup>?</sup>-loaded PLGA/chitosan/*Nigella sativa* nanoparticles: A novel non-viral gene delivery system for oral squamous cell carcinoma therapy
- 2014 - 2016** Determination of in Vivo and in Vitro Antidiabetic Activity of Wogonin
- 2013 - 2016** Comprehensive Evaluation of Anti-Diabetic Activity of *Momordica Charantia* Fruits On Streptozocin Induced Diabetic Rats Using NMR Metabolomics Approach
- 2013 - 2016** Physico-Chemical and Biocompatibility Studies of Gentamicin Loaded Polycaprolactone - Collagen Based Protein Nanofiber
- 2013 - 2018** Synthesis, Mechanistic And Biological Evaluation Of Novel Bis-Sydnone Styrylketones As Antiproliferative And Antioxidant Agents
- 2013 - 2018** Antidiabetic Characterization and Mechanism of Action of Wogonin in Rats
- 2013 - 2018** Nano-Transfersomes as a Novel Elastic Transdermal Carrier to Address Poor Bioavailability Issue of Raloxifene Hydrochloride
- 2013 - 2017** Development of Nanofibrous Wound Dressing Membrane via Electrospinning
- 2013 - 2016** Resiquimod Microsponge Formulation As A Potent Delivery System To Treat Skin Cancer And Viral Skin Lesions
- 2013 - 2019** Fabrication and Evaluation of a Halal Medicated Hydrogel Film from Standardized *Centella Asiatica* for Wound Healing
- 2013 - 2019** Fabrication and Evaluation of a Halal Medicated Hydrogel Film from Standardized *Centella Asiatica* for Wound Healing
- 2013 - 2017** Isolation, Quantification and Formulation of Bioactive Peptides (Adipokines) for Diabetes and Obesity From Adipose Tissues In Halal Meat
- 2012 - 2013** Study on Effects of Plant Extracts on Glucose Uptake in Cultured Adipocyte
- 2012 - 2014** Toxicological Studies Of Wogonin In Diabetes Induced Experimental Animals
- 2012 - 2015** Study on Microencapsulation and Delivery of Fucoxanthin Derived from Malaysian Brown Seaweeds for Human Lung Cancer Treatment
- 2012 - 2015** Design, Synthesis, Characterisation and Cytotoxicity Study of New Chiral Calixarene Derivatives
- 2012 - 2014** Cellular and Molecular Response of Adipocyte Cells Treated with Mangostins for Glucose Lowering Activity Purpose
- 2012 - -1** Effects of *Pluchea Indica* on Glucose Uptake and Glucose Transportation (Glut 4) Gene Expression of Adipocyte Cells
- 2012 - 2012** Study of Antidiabetic Activity of *Cinnamomum Burmannii*, *Andrographis Paniculata* and *Tinospora Crispa* Extracts in Streptozotocin Induced Rats.
- 2012 - -1** Study on Effects of Plant Extracts on Glucose Uptake in Cultured Adipocyte

- 2012 - 2013** Effects of *Pluchea Indica* on Glucose Uptake and Glucose Transportation (Glut 4) Gene Expression of Adipocyte Cells
- 2011 - 2015** Determination of the in vitro Percutaneous Absorption of Topical Corticosteroids in Palm Olein Based Emulsions and the Mechanisms of Diffusion
- 2011 - 2012** Cell-based Antidiabetic Activity of Mangostins and Cycloartane Triterpenoid on Adipocytes Cell
- 2011 - 2013** Previous title : (RU2011) Isolation, characterization and cytotoxic activity of alkaloids from *Aidia densiflora* (Rubiaceae) Title change to : Antinociceptive Effects of Alkaloid Extract from *Aidia Densiflora* in Mice.
- 2011 - 2012** KVC Book Project 2011 - Chapter in book : Natural Product Research, Basic Techniques and Application
- 2011 - 2012** Isolation of Antimicrobial Agent from Clusiaceae Plant
- 2011 - 2014** Proof-of-concepts study of injectable non-viral gene delivery system of DNA-loaded N.Sativa/Chitosan/PLGA nanoparticle to neuro cell lines (Neurobionanoparticles-CR)
- 2011 - 2013** Antioxidant, antimicrobial and insecticidal Activity of selected Malaysian Plants
- 2011 - -1** Previous title : (RU2011) Isolation, characterization and cytotoxic activity of alkaloids from *Aidia densiflora* (Rubiaceae) Title change to : Antinociceptive Effects of Alkaloid Extract from *Aidia Densiflora* in Mice.
- 2011 - 2013** Study on anticancer activities of b-mangostin extracted from *Garcinia malaccensis* against human head neck squamous cell carcinoma (HNSCC) cells
- 2010 - 2013** Evaluation of wound healing properties of *acrostichum* using in vivo and in vitro techniques
- 2010 - 2012** Microencapsulation of *Cassia alata* Extract for Topical Application.
- 2010 - 2012** Development of palm olein-inwater emulsion containing plant extracts as insecticides Development of palm olein-inwater emulsion containing plant extracts as insecticides
- 2010 - 2012** Isolation and Purification of Cytotoxic Compounds from Malaysian Sea Cucumber, *Stichopus chloronotus*, into Isolation and Purification of Anticancer Compounds from Malaysian Sea Cucumber, *Stichopus Chloronotus*
- 2010 - 2011** Isolation and anticancer Evaluation of Mangostin from *Garcinia Malaccensis*
- 2009 - 2012** Study on Antineoplastic Activity of Thymoquinone, an Active Ingredient of Black Seed (*Nigella Sativa*) against Cervical Cancer Cells
- 2009 - -1** Study of the Antidiabetic Properties of selected Malaysian Herbs and Spices Extracts in Cultured 3t3-L1 Cells
- 2009 - 2010** Cloning of Mutant Breast Cancer Gene
- 2009 - 2011** Study on Antineoplastic Activity of Thymoquinone, an Active Ingredient of Black seed(*Nigella Sativa*)against Oral

- 2009 - 2012** Antibacterial activity and cytotoxicity of new modified class Ionomer dental cement
- 2009 - 2013** Study of Phytochemistry and Anticancer Activity of Three Malaysian Calophyllum
- 2008 - 2011** Bioactivity -Guided Isolation of Antimicrobial Agent from Coleus Amboinicus Lour (Torbangun)
- 2008 - 2010** Isolation of Antimicrobial Active Compounds from Calophyllum Canum Hk.f
- 2008 - 2010** Isolation and Cytotoxic Activity Study of Phytochemicals from Calophyllum canum
- 2008 - 2010** Cloning of BRCA Mutant Gene as DNA Vaccines for Breast Cancer Therapy.
- 2008 - 2008** Identification of Plant Materials Collected from Pahang Rainforest
- 2008 - 2009** Survey and Collection of Plant Materials from Pahang Rainforest
- 2007 - 2009** Bioactivity-guided Isolation of Antimicrobial Agent from Alternanthera Sessilis (Kermark)

## PENERBITAN

### Article

- 2020** [A new xanthone and a new benzophenone from the roots of \*Garcinia hombroniana\*](#). *Phytochemistry Letters* , 35 pp.216-219
- 2019** [In vivo anxiolytic and in vitro anti-inflammatory activities of water-soluble extract \(WSE\) of \*Nigella sativa\* \(L.\) seeds](#). *Natural Product Research* pp.1-6
- 2019** [Cytotoxic activities of extracts and isolated compounds of some potential Sumatran medicinal plants against MCF-7 and HSC-3 cell lines](#). *Journal of Mathematical and Fundamental Sciences* , 51 (3) pp.225-242
- 2019** [Optimization of aceclofenac proniosomes by using different carriers, part 1: development and characterization](#). *Pharmaceutics* , 11 (7) pp.1-19
- 2019** [Screening of some Sumatran medicinal plants and selected secondary metabolites for their cytotoxic potential against MCF-7 and HSC-3 cell lines](#). *Journal of Research in Pharmacy* , 23 (4) pp.770-776
- 2019** [Optimization and formulation of Fucoxanthin-Loaded Microsphere \(F-LM\) using Response Surface Methodology \(RSM\) and analysis of its fucoxanthin release profile](#). *Molecules* , 24 (5) pp.1-16
- 2019** [Pharmacological properties of \*Centella asiatica\* hydrogel in accelerating wound healing in rabbits](#). *BMC Complementary and Alternative Medicine* , 19 pp.1-7
- 2019** [Antibacterial and antioxidant activities of extracts from \*Calophyllum ferrugineum\* and \*Calophyllum incrassatum\* = Aktiviti antibakteria dan antioksidan terhadap ekstrak daripada \*calophyllum ferrugineum\* dan \*calophyllum incrassatum\*](#). *Malaysian Journal of Analytical Sciences* , 23 (4) pp.637-647

- 2019** [Trimmed off adipocytes: a source of newly secreted adipokines.](#) Progress in Nutrition , 21 (Supplement 1) pp.80-85
- 2019** [In vitro evaluation of the effect of Pluchea indica extracts in promoting glucose consumption activity on a liver cell line.](#) Makara Journal of Health Research , 23 (1) pp.48-52
- 2019** [Methanol extract of Muntingia calabura leaves attenuates CCl4-induced liver injury: possible synergistic action of flavonoids and volatile bioactive compounds on endogenous defence system.](#) Pharmaceutical Biology , 57 (1) pp.335-344
- 2018** [Methylation and acetylation enhanced the antidiabetic activity of some selected flavonoids: In vitro, molecular modelling and structure activity relationship based study.](#) Biomolecules , 8 (4) pp.1-22
- 2018** [A conformational isomer of soulattrolide from the stem bark of calophyllum symingtonianum and its antibacterial activity.](#) Natural Product Sciences , 24 (1) pp.47-53
- 2018** [Palm olein emulsion: a novel vehicle for topical drug delivery of betamethasone 17-valerate.](#) AAPS PharmSciTech , 19 (1) pp.371-383
- 2018** [Phytochemical constituents and pharmacological properties of Garcinia xanthochymus- a review.](#) Biomedicine & Pharmacotherapy , 106 pp.1378-1389
- 2018** [Polygonumins A, a newly isolated compound from the stem of Polygonum minus Huds with potential medicinal activities.](#) Scientific Report , 8 (1) pp.1-15
- 2018** [Selected natural agents used for cholesterol controls.](#) Nutrition & Food Science , 48 (2) pp.301-317
- 2018** [Bottle gourd \(lagenaria siceraria\) extracts improve glucose and lipid metabolism in 3T3-L1 adipocytes.](#) Progress in Nutrition pp.1-9
- 2018** [Antihyperglycemic activity of tinocrisposide by stimulating 3t3-l1 adipocyte cell differentiation.](#) Asian Journal of Pharmaceutical and Clinical Research , 11 (11) pp.494-498
- 2018** [Phytoconstituents from Vernonia glaberrima Welw. Ex O. Hoffm. leaves and their cytotoxic activities on a panel of human cancer cell lines.](#) South African Journal of Botany , 116 pp.16-24
- 2018** [Anti-inflammatory activity of tinocrisposide by inhibiting nitric oxide production in lipopolysaccharides-stimulated raw 264.7 cells.](#) Asian Journal of Pharmaceutical and Clinical Research , 11 (4) pp.149-153
- 2018** [Trichosanthes cucumerina extracts enhance glucose uptake and regulate adiponectin and leptin concentrations in 3T3-L1 adipocytes model.](#) Food Research , 2 (2) pp.146-153
- 2018** [PVA-PEG physically cross-linked hydrogel film as a wound dressing: experimental design and optimization.](#) Pharmaceutical Development and Technology , 23 pp.751-760
- 2017** [The antimalarial properties of essential oils of the leaves of Malaysian Plectranthus amboinicus \(Lour\) spreng in mice infected with Plasmodium berghei.](#) The International Medical Journal Malaysia , 16 (1) pp.67-74

- 2017** [Development, validation and pharmacokinetic application of a simple and robust RP-HPLC method for quantitation of raloxifene in rat plasma.](#) Latin American Journal of Pharmacy , 36 (9) pp.1901-1907
- 2017** [Chemical constituents and medical benefits of plantago major.](#) Biomedicine & Pharmacotherapy , 96 pp.348-360
- 2017** [Mesoionic sydnone: a review in their chemical and biological properties.](#) International Journal of Pharmacy and Pharmaceutical Sciences , 9 (8) pp.1-9
- 2017** [A lignan with glucose uptake activity in 3T3-L1 adipocytes from the stem bark of Knema patentinervia.](#) Pakistan Journal of Pharmaceutical Science , 30 (4) pp.1335-1339
- 2017** [Antimicrobial activity of methyl gallate isolated from the leaves of Glochidion superbum against hospital isolates of methicillin resistant Staphylococcus aureus.](#) Natural Product Sciences , 23 (1) pp.5-8
- 2017** [Cytotoxicity of triterpenes from the leaves of Garcinia prainiana King \(Guttiferae\).](#) Marmara Pharmaceutical Journal: an international peer-reviewed open access journal of pharmacy and pharmaceutical sciences. , 21 (1) pp.127-131
- 2017** [Garcinia atroviridis – a review on phytochemicals and pharmacological.](#) Marmara Pharmaceutical Journal , 21 (1) pp.38-47
- 2017** [Flavonoids from Tetracera indica Merr. induce adipogenesis and exert glucose uptake activities in 3T3-L1 adipocyte cells.](#) BMC Complimentary and Alternative Medicine , 17 (1) pp.1-14
- 2017** [Enhancing effects of trichosanthes cucumerina extracts on adipogenesis, adipolysis and glucose uptake in 3T3-L1 adipocytes.](#) International Journal of Allied Health Sciences , 1 (1) pp.1
- 2017** [In vitro and in vivo wound healing studies of methanolic fraction of Centella Asiatica extract.](#) South African Journal of Botany , 108 pp.163-174
- 2017** [Effects of Sargassum oligocystum and Padina australis extract on Adipogenesis and Adipolysis in 3T3-L1 Cells.](#) International Food Research Journal , 24 (Suppl.) pp.395-401
- 2017** [Optimization of essential oil and fucoxanthin extraction from Sargassum binderi by Supercritical Carbon Dioxide \(SC-CO<sub>2</sub>\) extraction with ethanol as co-solvent Using Response Surface Methodology \(RSM\).](#) International Food Research Journal , 24 (Suppl.) pp.S514-S521
- 2017** [Biflavonoids from the leaves and stem bark of Garcinia griffithii and their biological activities.](#) Marmara Pharmaceutical Journal , 21 (4) pp.889-897
- 2016** [Fabrication of Fucoxanthin-Loaded Microsphere \( F-LM\) by two steps double-emulsion solvent evaporation methods and characterization of fucoxanthin before and after microencapsulation.](#) Journal of Oleo Science , 65 (8) pp.641-653
- 2016** [Tyrosinase inhibition, anti-acetylcholinesterase, and antimicrobial activities of the phytochemicals from Gynotroches axillaris Blum.](#) Pakistan Journal of Pharmaceutical Sciences , 29 (6) pp.2071-2078



- 2016** [Hypoglycaemic activity of ethanolic extract of \*Garcinia mangostana\* Linn. in normoglycaemic and streptozotocin-induced diabetic rats.](#) BMC Complementary and Alternative Medicine , 16
- 2016** [Cytotoxic and antibacterial evaluation of coumarins and chromanone acid from \*Calophyllum symingtonianum\*.](#) Journal of Applied Pharmaceutical Science , 6 (1) pp.23-27
- 2016** [The mode of antimicrobial action of \*Cinnamomum burmannii\*'s essential oil & cinnamaldehyde.](#) Jurnal Teknologi , 78 (11) pp.41-47
- 2016** [Cytotoxic activity assay of tinocrisposide from \*tinospora crispa\* on human cancer cells.](#) Der Pharmacia Lettre , 8 (18) pp.102-106
- 2016** [Cytotoxic, anti-inflammatory and adipogenic effects of inophyllum D. calanone, isocordato-oblongic acid, and morelloflavone on cell lines.](#) Natural Products Sciences , 22 (2) pp.122-128
- 2016** [Cytotoxic and anti-inflammatory activities of \*Garcinia xanthochymus\* extracts on cell lines.](#) Makara Journal of Health Research , 20 (1) pp.11-17
- 2016** [Incrassamarin A-D: Four new 4-substituted coumarins from \*Calophyllum incrassatum\* and their biological activities.](#) Phytochemistry Letters , 16 pp.287-293
- 2016** [Cytotoxic activity of \*Luvunga scandens\* against human cancer cell lines.](#) Jurnal Teknologi , 78 (10) pp.153-157
- 2016** [Effects of triterpenoids from \*Luvunga scandens\* on cytotoxic, cell cycle arrest and gene expressions in MCF-7 cells.](#) Natural Product Science , 22 (4) pp.293-298
- 2016** [Cytotoxic and antibacterial activities of constituents from \*Calophyllum ferrugineum\* ridley.](#) Records of Natural Products , 10 (5) pp.649-653
- 2016** [Antinociception of petroleum ether fraction derived from crude methanol extract of \*Melastoma malabathricum\* leaves and its possible mechanisms of action in animal models.](#) BMC Complementary and Alternative Medicine , 16 (1) pp.488-1
- 2016** [Chemical constituents from stem bark of \*Garcinia prainiana\* and their bioactivities.](#) International Journal of Pharmacognosy and Phytochemical Research , 8 (5) pp.756-760
- 2016** [Hepatoprotective action of various partitions of methanol extract of \*Bauhinia purpurea\* leaves against paracetamol-induced liver toxicity: involvement of the antioxidant mechanisms.](#) BMC Complementary and Alternative Medicine , 16 (1) pp.1-16
- 2015** [In vitro wound healing activity of \*sapium indicum\* wild leaf extracts.](#) African Journal of Traditional, Complementary and Alternative Medicines , 12 (2) pp.126-132
- 2015**  [\$\alpha\$ -glucosidase and 15-lipoxygenase inhibitory activities of phytochemicals from \*calophyllum symingtonianum\*.](#) Natural Products Communications , 10 (9) pp.1585-1587
- 2015** [Alpha-mangostin improves glucose uptake and inhibits adipocytes differentiation in 3T3-L1 cells via PPAR gamma, GLUT4, and leptin expressions.](#) Evidence-Based Complementary and Alternative Medicine (740238) pp.1-9

- 2015** [Mechanisms of  \$\alpha\$ -mangostin-induced antinociception in a rodent model.](#) Biological Research for Nursing , 17 ( 1) pp.68-77
- 2015** [In vitro antioxidant, cholinesterase and tyrosinase inhibitory activities of calophyllum symingtonianum and calophyllum depressinervosum \(guttiferae\).](#) Journal of Coastal Life Medicine , 3 (2) pp.126-131
- 2015** [Herbal extracts exhibit anti-diabetic activities in 3T3-L1 adipocytes model.](#) Progress in Nutrition , 17 (4) pp.301-310
- 2014** [Cytotoxic tirucallane triterpenes from the stem of luvunga scandens.](#) Brazilian Journal of Pharmacognosy , 24 (5) pp.561-564
- 2014** [Experimental design and optimization of raloxifene hydrochloride loaded nanotransfersomes for transdermal application.](#) International Journal of Nanomedicine , 2014 (9) pp.4331-4346
- 2014** [Antimalarial activity of Malaysian plectranthus amboinicus against plasmodium berghei.](#) Pharmacognosy Research , 6 (4) pp.280-284
- 2014** [Direct and indirect antimicrobial effects of  \$\alpha\$ -mangostin on pathogenic microorganisms.](#) Journal of Coastal Life Medicine , 2 (1) pp.70-75
- 2014** [Dose water extract of cinnamon \(cinnamomum zeylanicum\) exhibits anti-diabetic properties in cultured 3T3-L1 adipocytes: a concurrent assessment of adipogenesis, lipolysis and glucose uptakes.](#) Journal of Food and Nutrition Research , 2 (11) pp.764-769
- 2014** [Antinociceptive effects of alkaloids rich fraction of aidia densiflora in mice.](#) Malaysian Journal of Pharmacy , 1 (11) pp.223-223
- 2014** [Haplophytin B from maclurodendron porteri.](#) Pakistan Journal of Pharmaceutical Sciences , 27 (1) pp.179-181
- 2014** [Apoptotic activities of thymoquinone, an active ingredient of black seed \(nigella sativa\), in cervical cancer cell lines.](#) Chinese Journal of Physiology , 57 (5) pp.249-255
- 2014** [Antioxidant and antimicrobial activities of shorea kunstleri.](#) Journal of Coastal Life Medicine , 2 (8) pp.638-644
- 2014** [Polyphenol content and antioxidant capacity in organically and conventionally grown vegetables.](#) Journal of Coastal Life Medicine , 2 (11) pp.864-871
- 2013** [Microencapsulation of alpha-mangostin into PLGA microspheres and optimization using response surface methodology intended for pulmonary delivery.](#) Journal of Microencapsulation pp.1-13
- 2013** [Anti-bacterial and anti-fungal activity of coleus leaves consumed as breast-milk stimulant.](#) Nutrition and Food Science , 43 (6) pp.582-590
- 2013** [Methanol extract of Melastoma malabathricum leaves exerted antioxidant and liver protective activity in rats.](#) BMC Complementary and Alternative Medicine , 13 pp.326
- 2013** [Antioxidant and cytotoxic properties of two sea cucumbers, holothuria edulis lesson and stichopus horrens selenka.](#) Acta Biologica Hungarica , 64 (1) pp.10-20

- 2013** [Total phenolic, antioxidant, antimicrobial, activities and toxicity study of Gynotroches Axillaris Blume \(Rhizophoraceae\) .](#) Excli Journal , 12 pp.404-4012
- 2013** [Analysis of fucoxanthin content and purification of all-trans-fucoxanthin from turbinaria turbinata and sargassum plagyophyllum by SiO2 open column chromatography and reversed phase-HPLC.](#) Journal of Liquid Chromatography & Related Technologies , 36 (10) pp.1340-1354
- 2013** [Torbangun \(Coleus amboinicus Lour\) extracts affect microbial and fungus activities.](#) Journal of Nutritional Therapeutics , 2 (4) pp.194-200
- 2013** [A new sesquiterpene from Knema patentinervia.](#) Chemistry of Natural Compounds , 48 (6) pp.985-987
- 2013** [Wound healing properties of ethanolic extract of acrostichum aureum and acrostichum speciosum rhizome in rats.](#) Journal of Tropical Resources and Sustainable Science , 1 (2) pp.42-48
- 2013** [Selected herbal extracts improve diabetes associated factors in 3T3-L1 adipocytes.](#) Procedia - Social and Behavioral Sciences , 91 pp.357-375
- 2013** [Antimicrobial activity of mangrove plant AcrostichumSpeciosum.](#) Journal of Pure and Applied Microbiology , 7 pp.253-257
- 2013** [Antioxidant, antimicrobial and total phenolic contents of Calophyllum symingtonianum.](#) Journal of Coastal Life Medicine , 3 (2) pp.1-5
- 2012** [Study on antidiabetic plants cocktail containing Andrographis paniculata, Cinnamomum burmannii and Tinospora crispa.](#) Malaysian Journal of Pharmaceutical Sciences , 1 (10) pp.116
- 2012** [In vitro antimicrobial activity of mangrove plant Sonneratia alba.](#) Asian Pacific Journal of Tropical Medicine , 2 (6) pp.427-429
- 2012** [Apoptosis, antimicrobial and antioxidant activities of phytochemicals from Garcinia malaccensis Hk.f.](#) Asian Pacific Journal of Tropical Medicine , 5 (2) pp.136-141
- 2012** [Friedelin and lanosterol from Garcinia prainiana stimulated glucose uptake and adipocytes differentiation in 3T3-L1 adipocytes.](#) Natural Product Research , iFirst pp.1-8
- 2012** [The phytochemical content and antimicrobial activities of Malaysian Calophyllum canum \(stem bark\).](#) Pakistan Journal of Pharmaceutical Sciences , 25 (3) pp.555-563
- 2012** [Development and validation of analytical method by RP-HPLC for quantification of Alpha-Mangostin Encapsulated in PLGA microspheres.](#) Journal of Analytical & Bioanalytical Techniques , 3 (7) pp.1-5
- 2012** [Antimicrobial activity and essential oils of Curcuma aeruginosa, Curcuma mangga, and Zingiber cassumunar from Malaysia.](#) Asian Pacific Journal of Tropical Medicine , 5 (3) pp.202-209
- 2012** [Antidiabetic activity of the leaves of tetracera indica merr. \(Dilleniaceae\) in vivo and in vitro.](#) Journal of Medicinal Plants Research , 6 (49) pp.5912-5922

- 2012** [Flavonoids and triterpenes from the leaves of artocarpus fulvicortex.](#) Natural Products Communications , 7 (12) pp.1587-1588
- 2012** [Toxic effects of Sapium baccatum \(Ludai\) extract in rats \(Kesan toksik ekstrak Sapium baccatum \(Ludai\) ke atas tikus\).](#) Sains Malaysiana , 41 (11) pp.1423-1429
- 2012** [Antimicrobial activity of Malaysian Donax grandis extracts.](#) Science Series Data Report , 4 (5) pp.30-35
- 2011** [Free radical scavenging and antibacterial activities of Malaysian guttiferae plants.](#) Journal of Medicinal Plants Research , 5 (31) pp.6714-6718
- 2011** [Isolation of fucoxanthin and fatty acids analysis of Padina australis and cytotoxic effect of fucoxanthin on human lung cancer \(H1299\) cell lines.](#) African Journal of Biotechnology , 10 (81) pp.18855-18862
- 2011** [Antioxidant properties of soft coral Dendronephthya sp.](#) International Journal of Pharmacology , 7 (2) pp.263-267
- 2011** [Fucoxanthin extraction and fatty acid analysis of Sargassum binderi and S. duplicatum.](#) Journal of Medicinal Plants Research , 5 (11) pp.2405-2412
- 2011** [Antimicrobial activity of mangrove plant \(Lumnitzera littorea\).](#) Asian Pacific Journal of Tropical Medicine , 4 (7) pp.523-525
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- 2011** [Terpenoids from the stem bark of jatropa plants And their biological activities.](#) Makara of Science Series , 15 (2) pp.106-110
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- 2019 [Release study on electrospun PVA/chitosan-based nanofibers loaded with Centella Asiatica extracts.](#) In: **33rd Scientific Meeting Malaysian Society Of Pharmacology & Physiology (MSPP) 2019**
- 2019 [Development of natural product from bench to drug formulation.](#) In: **Seminar dan Workshop "How to Choose Right Publication Journal and How to Make a Beautiful Paper Publication**
- 2019 [Comparison on the chemical composition and antioxidant properties of essential Oil from fresh, boiled and freeze-dried the rhizomes of Curcuma zedoaria.](#) In: **International Conference on Pharmaceutical Research and Pharmacy Practice cum 14th IIUM-MPS Pharmacy Scientific Conference (ICPRP 2019)**
- 2019 [The use of cell culture technique in small molecule antidiabetes drug discovery.](#) In: **BSBMB Conference 2019**
- 2019 [Antibody drug conjugate in cancer therapy.](#) In: **Public Lecture: Development of Biology Molecular**
- 2019 [Extraction, analysis, anti-tyrosinase activity and formulation of asiaticoside rich fraction from Centella asiatica.](#) In: **International Conference on Pharmaceutical Research and Pharmacy Practice cum 14th IIUM-MPS Pharmacy Scientific Conference (ICPRP 2019)**
- 2018 [In vitro antidiabetic effects of flavonoids: molecular and structure-activity relationship based study.](#) In: **34th International Conference on Natural Products 2018 (ICNP 2018)**
- 2018 [Is asiaticoside effective against pain?.](#) In: **15th Symposium of The Malaysian Society of Applied Biology**
- 2018 [Comparison of the essential oil components in fresh peels of lime \(citrus aurantifolia\) extracted with supercritical fluid extraction and other three traditional extraction methods.](#) In: **International Conference of Analytical Sciences (SKAM31)**
- 2018 [Formulation and evaluation of PVA/PEG peel-off mask containing rich fraction of Centella asiatica and Cucumis sativus extract for anti-ageing.](#) In: **International Conference of Analytical Sciences (SKAM31)**
- 2018 [Functional foods from Quercus infectoria galls and their bioactivities.](#) In: **34th International Conference on Natural Products (ICNP 2018)**

- 2018 [Antibacterial and antioxidant activities of extracts from \*Calophyllum ferrugineum\* and \*Calophyllum incrassatum\*.](#) In: **International Conference of Analytical Sciences (SKAM31)**
- 2018 [Isolation, cytotoxic and alpha-glucosidase inhibitory activities of new coumarins from \*calophyllum incrassatum\*.](#) In: **34th International Conference on Natural Products 2018 (ICNP 2018)**
- 2017 [Anti-cancer activity of \*Luvunga Scandens\* extract against squamous cell carcinoma.](#) In: **1st IIUM International Dental Conference 2017 in Commemoration of the Kulliyah of Dentistry 10th Anniversary (1st IIDC)**
- 2017 [Potential insulin-like and insulin-sensitizing activity on 3T3-L1 adipocytes by terpenoids isolated from \*Tetracera indica\*.](#) In: **International Conference on Natural Products 2017 (ICNP 2017)**
- 2017 [Garcinia atroviridis fruit extract alters lipid accumulation in 3T3-L1 cell line model.](#) In: **International Conference on Natural Products 2017**
- 2016 [Advanced characterization of ethanolic nano lipid vesicles loaded with raloxifene HCl for transdermal drug delivery.](#) In: **The 4th Current Drug Development International Conference (CDD 2016)**
- 2016 [Flavonoids from \*Tetracera indica\* Merr. inhibit adipocyte differentiation and exert glucose uptake activities in 3T3-L1 adipocyte cells.](#) In: **Regional Conference On Science, Technology & Social Sciences 2016 (RCSTSS)**
- 2016 [Isolation of antidiabetic compounds from \*tetracera Indica\*.](#) In: **International Conference on Natural Products 2016 (ICNP 2016)**
- 2016 [Evaluation of the phytochemical content and the use of the essential oil from the leaves of Malaysian \*Plectranthus amboinicus\* \(lour\) spreng as antimalarial in vivo.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**
- 2016 [Lipid modulation activity of \*garcinia atroviridis\* extract on 3T3-L1 cell line.](#) In: **30th Scientific Meeting of Malaysian Society of Pharmacology and Physiology (MSPP) 2016**
- 2016 [Preclinical evidence of Malay traditional herbal supplement for diabetes.](#) In: **V World Congress on Medicinal and Aromatic Plants (WOCMAP) and International Symposium on Plants, as Factories of Natural Substances, Edible and Essential Oils**
- 2016 [Cytotoxic study of \*Knema laurina\* and \*Antidesma orthogyne\* extracts on human breast cancer cell line MCF-7.](#) In: **2nd International Conference On Industrial Pharmacy 2016 (ICIP 2016)**
- 2016 [Process validation for pilot-scale production of Betamethasone 17-valerate emulsions using palm olein as topical drug delivery vehicle.](#) In: **2nd International Conference On Industrial Pharmacy 2016 (ICIP 2016)**
- 2016 [Swelling index, gel fraction, thermal and rheological properties of \*Centella asiatica\* hydrogel.](#) In: **2nd International Conference On Industrial Pharmacy 2016 (ICIP 2016)**

- 2016 [Development and validation of high performance liquid chromatography method for analysis of Raloxifene HCl in rat plasma by liquid -liquid extraction.](#) In: **2nd International Conference On Industrial Pharmacy 2016 (ICIP 2016)**
- 2016 [In Vitro and In Vivo wound healing studies of standardized extract of Centella asiatica.](#) In: **International Conference on Natural Products 2016 (ICNP 2016)**
- 2016 [Coumarins and chromanones from two Calophyllum species and their bioactivities .](#) In: **International Conference on Natural Products 2016 (ICNP 2016)**
- 2016 [3-Arylsydnone and 4-Acetyl-3-Arylsydnone: In vitro cytotoxicity against prostate cancer cell line \(PC3\), structure-activity relationship and in silico evaluation of their caspase 3 inhibition.](#) In: **3rd Pharmaceutical Research Conference (3rd PRC 2016) for Pharmacy Students & Young Graduates**
- 2015 [Marine natural product and its application in pharmaceutical industry.](#) In: **Workshop on Marine Natural Products**
- 2015 [Transdermal permeation mechanism of sodium deoxycholate aided nano-transfersomes by Differential Scanning Calorimetry \(DSC\).](#) In: **4th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Science (IPNaCs)**
- 2015 [Formulation of PVA and PEG hydrogel via Freeze-Thaw method.](#) In: **4th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Science (IPNaCs)**
- 2015 [Bioguided isolation of cytotoxic triterpenoids from the stem of Ixora scandens .](#) In: **International Conference on Natural Products 2015**
- 2015 [Cytotoxic study of Linum usitatissimum and Salvia officinallis extracts on MCF-7 cell line \(comparative study\) .](#) In: **International Conference on Advancement in Science and Technology (iCAST 2015) - 'Frontiers in Biotechnology'**
- 2015 [Antioxidant, cholinesterase and tyrosinase inhibitory activities of calophyllum symingtonianum and calophyllum depressinervosum .](#) In: **International Conference on Natural Products 2015**
- 2015 [The mode of antimicrobial action of Cinnamomum burmannii's essential oil & cinnamaldehyde.](#) In: **5th International Conference on Advancement in Science and Technology (iCAST 2015)**
- 2015 [Effect of common vegetables extracts on lipid and glucose in 3T3-L1 adipocytes.](#) In: **MASO 2015 Scientific Conference on Obesity**
- 2015 [Antioxidant activity and cell migration effect of standardized extract of centella asiatica for wound healing properties.](#) In: **International Conference on Biomedical & Health Sciences Research (ICBHSR 2015)**
- 2015 [Phytochemical and in vitro antidiabetic investigations of stems of Tetracera Indica Merr., a Malaysian traditional medicinal plant.](#) In: **8th Asian Network of Research on Antidiabetic Plants (ANRAP) International Seminar 2015**
- 2015 [Formulation of hydrogel with synthetic polymers \(PVA and PEG\) .](#) In: **Controlled Release & Drug Delivery Symposium (CRDDS 2015) in conjunction with the 1st MyCRS Scientific Conference**

- 2014 [Cytotoxicity and anti-inflammatory activities of garcinia xanthochymus extracts on cell lines.](#) In: **International Health Conference IIUM 2014**
- 2014 [Isolation and anti-proliferative activity of natural products from green seaweed.](#) In: **5th International Conference on Science & Technology: Applications in Industry & Education (ICSTIE 2014)**
- 2014 [Antiulcer potential of Sapium indium aqueous extract: Towards the development of halal pharmaceutical ingredient with gastroprotective property.](#) In: **Malaysia International Halal Research & Education Conference 2014 (MIHREC 2014)**
- 2014 [Formulation and optimization of raloxifene loaded nanotransfersomes by response surface methodology for transdermal drug delivery.](#) In: **5th FIP Pharmaceutical Sciences World Congress (PSWC 2014)**
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- 2014 [Antimicrobial study of the leaves extracts of atocarpus lanceifolius.](#) In: **International Health Conference IIUM 2014**
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- 2014 [Antimicrobial and cytotoxic activities of methanol extract of anisomeles indica leaves.](#) In: **International Health Conference IIUM 2014**
- 2014 [Phytochemical investigation of the leaves of tetracera scandens Linn and in vitro antidiabetic activity of hypoletin.](#) In: **International Conference on Science, Technology and Social Sciences (ICSTSS) 2012**
- 2014 [Antimicrobial and cytotoxic activities of the leaves extracts of dissochaeta gracilis.](#) In: **International Health Conference IIUM 2014**
- 2014 [Cytotoxic, anti-inflammatory and adipogenic effects of selected flavonoids on cell lines.](#) In: **International Health Conference IIUM 2014**
- 2014 [Quality by design: Understanding the formulation variables of a raloxifene loaded transfersomes for transdermal drug delivery systems by box-behnken design.](#) In: **International Research Invention and Innovation Exhibition (IRIIE 2014)**
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- 2014 [Isolation of a promising antidiabetic compound from the leaves of tetracera indica merr., and in vivo toxicological studies in diabetes induced experimental animals.](#) In: **1st International Conference on Industrial Pharmacy (ICIP) 2014**
- 2014 [Anti bacterial activity of pyranocoumarins and crude extracts of Calophyllum symingtonianum.](#) In: **International Conference on Natural Products 2014**



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- 2014 [Effects of garcinia mangostana on adipocyte differentiation and glucose uptake regulation in 3T3-L1 cells.](#) In: **1st International Conference on Industrial Pharmacy**
- 2014 [Pluchea indica extracts stimulates insulin secretion through enhancement of Irs2 and Glut2 genes expression in RIN-5F pancreatic  \$\beta\$ -cells .](#) In: **(ICNSE) International Congress on Natural Sciences and Engineering and (ICCBES) International Congress on Chemical, Biological and Environmental Sciences**
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- 2014  [\$\alpha\$ -Mangostin improves glucose uptake and inhibits adipocytes differentiation in 3T3-L1 cells.](#) In: **5th FIP Pharmaceutical Sciences World Congress (PSWC 2014)**
- 2013 [Genetic and bio-chemical determinants of dementia.](#) In: **IUM Research, Invention and Innovation Exhibition (IRIIE) 2013**
- 2013 [Antimicrobial activity and synergic effect of cinnamomum burmannii's essential oil & its isolated compound \(Cinnamaldehyde\).](#) In: **International Conference on Chemical, Agricultural and Medical Sciences (CAMS-2013)**
- 2013 [Phytochemical analysis and acute oral toxicity study of the ethanolic leaves extract of Plectranthus amboinensis \(Lour\) Spreng.](#) In: **13th Medicinal and Aromatic Plants Seminar (MAPS-13)**
- 2013 [Biochemical and histological evaluation of Garcinia mangostana linn. on streptozotocin-induced diabetic rats.](#) In: **International Conference on Natural Products 2014**
- 2013 [In-vitro antifungal and antibacterial activities of rhizomes extracts of Alpinia galanga and Alpinia conchigera griff.](#) In: **International Conference on Natural Products 2014**
- 2013 [Toxicity and antiplasmodial evaluation of Malaysian Plectranthus amboinicus leaves extract.](#) In: **International Malaria Symposium 2013**
- 2013 [Hypoglycaemic activity of ethanolic extract of Garcinia mangostana Linn. pericarp in normoglycaemic and streptozotocyn-induced diabetic rat.](#) In: **27th Scientific Meeting of Malaysian Society of Pharmacology and Physiology (MSPP2013)**
- 2013 [Chemical constituents and bioactivities of garcinia prainiana.](#) In: **International Conference on Natural Products 2013 (ICNP 2013)**

- 2013 [Effect of Pluchea Indica on glucose consumption of chang liver cells.](#) In: **27th Scientific Meeting of Malaysian Society of Pharmacology and Physiology (MSPP2013)**
- 2013 [Xanthones from Garcinia Malaccensis improve Glut4 aswell as decreased Ppar \$\gamma\$  activation on adipocytes .](#) In: **International Conference on Natural Products 2013**
- 2013 [Antiobesity effects of  \$\alpha\$ -mangostin through glut4 and leptin expression together with ppar \$\gamma\$  activation in adipocytes.](#) In: **IUM Research, Innovation and Invention Exhibition 2010 (IRIIE 2010)**
- 2013 [Insulin mimicking activities of Cycloartane Triterpenoid in 3T3-L1 cells.](#) In: **IUM Research, Invention and Innovation Exhibition 2013 (IRIIE 2013)**
- 2012 [Alleles of apolipoprotein E gene \(APOE\) as genetic determinants of dementia.](#) In: **Malaysian Science and technology Congress (MSTC 2012)**
- 2012 [The effect of Pluchea Indica \(L\) \(Beluntas\) extracts on the insulin release of RIN5F cell line..](#) In: **26th Scientific Meeting of Malaysian Society of Pharmacology & Physiology**
- 2012 [Mangostins stimulate glucose uptake and inhibit adipocyte differentiation in 3T3-L1 adipocytes.](#) In: **The 24th FAPA Congress 2012**
- 2012 [Dementia and its impact on public health.](#) In: **3rd Regional Public Health Conference**
- 2012 [Cycloartane triterpenoid as an insulin mimicking agent.](#) In: **The 24th FAPA Congress 2012**
- 2012 [In vitro evaluation of wound healing properties of fractions and extracts of Acrostichum Aureum Linné and A. Speciosum Willd.](#) In: **International Science Postgraduate Conference 2012 (ISPC 2012)**
- 2012 [Pythochemical analysis and acute oral toxicity study of the ethanolic leaves extract of Plectranthus amboinensis \(Lour\) Spreng.](#) In: **13th Medicinal & Aromatic Seminar 2012**
- 2012 [Coleus Amboinicus exhibits anti-microbial and anti-fungus activities and having no toxicity at highest doses assessed in mice.](#) In: **Malaysian Sciences and Technology Congress 2012**
- 2012 [Thymoquinone, an active ingredient of Black Seed \(Nigela saliva\) induces distinct apoptotic pathways in C33A and Siha Cervical Cancer Cell Lines\).](#) In: **International Conference Research and Application on Traditional Complementary and Alternative Medicine in Health Care (TCAM 2012)**
- 2012 [Site-directed mutagenesis for the production of mutant TP53 gene and analysis of its tumor suppressor activity.](#) In: **International Conference in Biomedical Science 2012**
- 2011 [Palm olein emulsion formation using crude extract of syzygium aromaticum as emulsifier.](#) In: **IUM Research, Invention and Innovation Exhibition (IRIIE) 2011**
- 2011 [Microencapsulation of Cassia alata extract for topical application.](#) In: **International Congress on Applied Biology (ICAB 2011)**

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- 2011 [Development of Palm olein-in-water emulsion containing extracts of Derris elliptica Benth as insecticide .](#) In: **International Health Conference IIUM 2011**
- 2011 [Chemical constituents and biological activities of the leaves of Garcinia griffithii\(Guttiferae\).](#) In: **International Conference on Natural Products (ICNP 2011): Metabolomics - A New Frontier in Natural Products Science**
- 2011 [Isolation of fuxoxanthin and fatty analysis from Padina australis and cytotoxicity effect of fucoxanthin of human lung cancer \(H1299\) cell lines.](#) In: **Proceedings of the 2nd International Conference on Biotechnology Engineering ICBioE'11**
- 2011 [Palm olein-in-water cream containing extracts from Hirudinaria manillensis for improving blood flow.](#) In: **International Ibn al-Haytham's al-Manazir Innovation and Invention Exhibition (INEX 2011)**
- 2011 [Development of chitosan- \$\alpha\$ -mangostin loaded nanoparticles as an anticancer agent .](#) In: **International Postgraduate Conference on Biotechnology (IPBC) 2011**
- 2011 [Effects of spices and herbal extract on Preadipocyte Cell Differentiation:preliminary results.](#) In: **IIUM Research, Invention and Innovation Exhibition (IRIIE) 2011**
- 2011 [Silencing endogenous mutant P53 Using Sirna Induces P73-Mediated Apoptosis in Human Head And Neck Squamous Cell Carcinoma .](#) In: **25th Scientific Meeting of The Malaysian Society Of Pharmacology And Physiology**
- 2011 [Clinical epidemiology of genetic, biochemical and behavioral determinants of dementia- The commonest neurogenerative disease.](#) In: **International Health Conference IIUM (IHCI 2011)**
- 2011 [Chemical constituents and bioactivities of Garcinia malaccensis Hk.f.](#) In: **International Conference on Natural Products**
- 2011 [Development of alpha mangostin-PLGA nanoparticles as an anticancer agent.](#) In: **International Health Conference IIUM (IHCI 2011)**
- 2011 [Antidiabetic activities of Cinnamomum zeylanicum and Tinospora crispa on adipocytes .](#) In: **International Conference on Natural products (ICNP 2011)**
- 2011 [Cell migration for in vitro wound healing evaluation- a pilot study on Channa striata.](#) In: **IIUM Research, Invention and Innovation Exhibition (IRIIE) 2011**
- 2011 [Cytotoxic and antimicrobial activities of alkaloids from tabernaemontana corymbosa.](#) In: **5th AASP Conference**
- 2011 [Potential bioactivities of  \$\beta\$ -mangostin from garcinia malaccensis Hk.f.](#) In: **IIUM Research, Invention and Innovation Exhibition (IRIIE) 2011**
- 2010 [Phytochemical and biological activity study of Calophyllum canum.](#) In: **3rd International Conference on Advancement in Science and Technology (iCAST) 2010**

- 2010 [Secondary metabolites and bioactivity studies of Garcinia griffithii plant.](#) In: **3rd International Conference on Advancement in Science and Technology (iCAST) 2010**
- 2010 [Study of antihyperglycaemic properties of selected Malaysian antidiabetic plants in cultured 3T3-L1 cells.](#) In: **3rd International Conference on Advancement in Science and Technology (iCAST) 2010**
- 2010 [Anti-cancer activities of Thymoquinone, constituents of Nigella sativa against oral cancer cell lines .](#) In: **9th Scientific Meeting of International Association for Dental Research**
- 2010 [Antimicrobial compounds from Calophyllum canum.](#) In: **International Conference on Advancement in Science and Technology (iCAST2010): The Science of Traditional Practices in Health and Disease**
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- 2010 [Potential antibacterial compounds from Malaysian Sponges Neopetrosiaexigua.](#) In: **3rd International Conference for Young Chemists 2010**
- 2010 [Qualitative analysis of biochemicals and proximate determination of saponin in different parts of Donax grandis plant extracts.](#) In: **3rd International Conference on Advancement in Science and Technology (iCAST) 2010**
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- 2009 [Antibacterial activity of extracts from Calophyllum canum.](#) In: **Makassar International Symposium on Pharmaceutical Science 2009**
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