

SAMSUL BIN DRAMAN



- KULLIYAH OF MEDICINE
- IIUM Kuantan Campus
- Email address: nurin@iium.edu.my

ACADEMIC QUALIFICATION

- Family Medicine
- Basic Medical

TEACHING RESPONSIBILITIES

BODY REACTION TO PHYSICAL, CHEMICAL & BIOLOGICAL AGENTS	2010/2011
CARDIOVASCULAR, RESPIRATORY, BLOOD AND BLOOD FORMING ORGANS	2010/2011
COMMUNITY MEDICINE	2013/2014
FAMILY MANAGEMENT AND PARENTING	2012/2013 2013/2014 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
FAMILY MEDICINE	2010/2011 2011/2012 2012/2013 2014/2015 2015/2016 2016/2017 2017/2018 2018/2019
LEADERSHIP AND MANAGEMENT	2017/2018
NORMAL RESPONSE & PROCESS TO DISEASED STATE	2010/2011

RESEARCH PROJECTS

In Progress

- 2019 - Present** - Gender Identity and Risk Reduction Among Transgender Women: A Qualitative Study in Kuantan, Pahang Sponsor: USULI FAQIH RESEARCH CENTRE PLT
- 2019 - Present** - Gender Identity and Risk Reduction Among Transgender Women: A Qualitative Study in Kuantan, Pahang Sponsor: USULI FAQIH RESEARCH CENTRE PLT
- 2018 - Present** - Prevalence of Suicide Risk and its Associated Factors among Male to Female (MTF) Transgenders in Kuantan Pahang
- 2018 - Present** - Speech Emotion Recognition and Depression Prediction based on Speech Analysis using Deep Neural Networks
- 2018 - Present** - Knowledge Transfer of Best Practices and Better Understanding of Transgender for Front-Line Health Care Staff in Ministry of Health

- 2017 - Present** Correlation of Socio-cognitive Factors Predicting Sexual Intention to Engage In Premarital Sex Amongst Late Adolescent in Kuantan Government Secondary Schools.
- 2017 - Present** A MIXED METHOD: DEPRESSION AND ASSOCIATED FACTORS AMONG TRANSGENDER MALE TO FEMALE IN KUANTAN, PAHANG
- 2016 - Present** National E-Cigarette Survey (NECS) 2016: Prevalence and Pattern of E-Cigarette and Vape Use among Malaysian Adults
- 2015 - Present** A Randomized Double-Blind Placebo-Controlled Trial for the Evaluation of A Polycap, Low Dose Aspirin and Vitamin D Supplementation in Primary Prevention - The International Polycap Study 3 (TIPS 3)
- 2014 - Present** Content Validity by using Confirmatory Factor Analysis of Newly Designed Family Scales; Skala Ciri Kekeluargaan Asia and Asia Family Characteristics Scale

Completed

- 2016 - 2018** Understanding of anti-cancer properties of Neolamarckia cadamba leaves on breast cancer: Prospective therapeutic Neolamarckia cadamba extracts
- 2014 - 2018** Content Validity by using Confirmatory Factor Analysis of Newly Designed Family Scales; Skala Ciri Kekeluargaan Asia and Asia Family Characteristics Scale
- 2013 - 2018** Therapeutic Potential of Nypa Fruticans: Possible Alternative Antidiabetic Agent through Modulation of Key Gene Expression
- 2013 - 2016** Understanding the Anti-Proliferative Mechanisms of Malaysian Porcupine Bezoar on Breast, Colon, Prostate and Tongue Cancer Cell Lines
- 2012 - 2014** Potential Health Benefits Exploration of Baccaurea Angulata Fruit in Relation to Cardiovascular Indices in Hypercholesterolemic Rabbits
- 2011 - 2012** Inventing and Validating a New Family Questionnaire: Soalselidik Persekitaran Keluarga (SPK) as a Tool to Understand the Mechanism of Attribution to Social
- 2011 - 2011** The Assessment of Herbal Supplements Usage among Diabetic Patients in Lowering Lipid Profile
- 2011 - 2011** Screening on the Lethal Concentration of Selected Malaysian Herb
- 2010 - 2012** Screening and Evaluation of Phytochemicals and antioxidant Properties of Innovative antioxidant ingredients prepared from underutilized fruits and their effects on selected cardiovascular biomarkers in animal model
- 2010 - 2017** Comparison of the Effects of Tualang Honey and Tribestan in Sperm Parameters, Sexual Behaviour and Hormonal Profile Among Oligospermia Males
- 2010 - 2012** Evaluation of Tobacco-Related Cancer Patients Testimonial for Development of Anti-Smoking Campaign using Focus Group Discussion
- 2008 - 2010** A Pilot Study on Ficus Diltiodea as an Anti Diabetic Agent for Diabetic Patients.
- 2008 - 2012** Serum Adiponectin Status as Biomarker of Metabolic
- 2007 - 2011** A Study on Functional Disabilities Among Elderly Patients in Primary Care Clinics, Kuantan, Pahang.

- 2007 - 2010** Outcome Evaluation of Non-Pharmacologic Intervention on Stage-I Hypertension: A Pilot Study
- 2007 - 2011** The Study of -2 Adrenergic Receptors Gene Polymorphism Neurohormones Among Hypertensives

PUBLICATIONS

Article

- 2019** [Factors associated with sexual intention towards pre-marital sex activity among school-going late adolescents in Kuantan, Pahang.](#) Malaysian Family Physician , 14 (Supplement 2) pp.3-3
- 2019** [Bone health status among postmenopausal women in Malaysia.](#) International Journal of Women's Health and Reproduction Sciences , 7 (2) pp.169-173
- 2019** [Mak nyahs and sex reassignment surgery: a qualitative study from Pahang, Malaysia.](#) The International Medical Journal Malaysia , 18 (1) pp.21-34
- 2019** [The prevalence of e-cigarette use among adults in Malaysia: findings from the 2016 national e-cigarette survey.](#) Asia Pacific Journal of Public Health pp.1-13
- 2018** [Mak Nyahs in Malaysia: does HIV/AIDS knowledge really reduce HIV-related risk behaviours?.](#) International Medical Journal of Malaysia , 17 (3) pp.29-38
- 2018** [Erectile dysfunction.](#) Malaysian Academy of Pharmacy MAP e Learning Portal
- 2018** [Prevalence and association between triglyceride level and lifestyle factors among Malay obese class I and II adult.](#) Enfermeria Clinica , 28 (Supplement 1 (February - June 2018)) pp.310-315
- 2018** [Abdominal obesity and high-sensitivity C-reactive protein level among Malay obese adults in Kuantan, Malaysia.](#) International Medical Journal Malaysia , 17 (1) pp.79-86
- 2018** [Comparison of the effects of three different Baccaurea angulata whole fruit juice doses on plasma, aorta and liver MDA levels, antioxidant enzymes and total antioxidant capacity.](#) European Journal of Nutrition , 56 pp.1-12
- 2018** [Development and validation of a new multidimensional questionnaire called Muslim Medical Student Questionnaire \(MMSQ\) among Malaysian undergraduates.](#) International Medical Journal Malaysia , 17 (Special issue 2) pp.97-106
- 2018** [Hormone consumption among Mak Nyahs in Kuantan Town: A preliminary survey.](#) The International Medical Journal of Malaysia , 17 (1) pp.63-70
- 2018** [Predicting sexual intention to engage in premarital sex among late adolescent in Kuantan government secondary schools: an application of the theory of planned behavior.](#) International Medical Journal Malaysia , 17 (Supplementary Issue No 1) pp.25-25
- 2018** [Risk factor profile of young adults with acute myocardial infarction: a preliminary finding.](#) International Medical Journal Malaysia , 17 (Supplementary Issue No 1) pp.62-62

- 2018** [Depression, anxiety, and stress among adolescents in Kuantan and its association with religiosity- a pilot study.](#) International Medical Journal Malaysia , 17 (Special Issue 2) pp.91-96
- 2018** [Development of an error classification system for Malaysian primary care.](#) Human Factors and Ergonomics Journal , 3 (2) pp.35-43
- 2018** [The relevancy of paracetamol and breastfeeding post infant vaccination: A systematic review.](#) Pharmacy , 6 (2) pp.1-16
- 2017** [Baccaurea angulata fruit juice reduces atherosclerotic lesions in diet-induced Hypercholesterolemic rabbits.](#) Lipids in Health and Disease , 16 pp.1-8
- 2017** [Prevalence and characteristics of e-cigarette users among the current smokers and ex-smokers population in Malaysia.](#) The Medical Journal of Malaysia , 72 (supp. 1) pp.78
- 2017** [Addressing Muslim transgenders' health issues using religious approach in the Malaysia setting.](#) Advanced Science Letters , 23 (5) pp.4880-4883
- 2017** [The role of media and people's perception on electronic cigarette/vape in Malaysia.](#) The Medical Journal of Malaysia , 72 (Supplement 1) pp.88-88
- 2017** [E-cigarette use and perception among Malaysian: findings from text-mining analytics.](#) The Medical Journal of Malaysia , 72 (supp. 1) pp.22
- 2017** [National E-cigarette Survey \(NECS\) 2016 in Malaysia method and population characteristic.](#) The Medical Journal of Malaysia , 72 (5 Supplement 1) pp.72-72
- 2017** [Mislabelling of nicotine content in electronic cigarette liquids in Malaysia: implications on public health.](#) The Medical Journal of Malaysia , 72 (supp. 1) pp.31
- 2017** [Prediction of electronic cigarette and vape use among Malaysian: decision tree analysis.](#) The Medical Journal of Malaysia , 72 (supp. 1) pp.34
- 2017** [A comparison of electronic cigarette smokers among urban and rural Malaysia.](#) The Medical Journal of Malaysia , 72 (supp. 1) pp.47
- 2017** [Understanding of anti-cancer properties of neolamarckia cadamba leaves extract on breast cancer cell.](#) International Journal of Allied Health Sciences , 1 (1) pp.20-20
- 2017** [Characteristics of E-cigarette or vape \(ECV\) users and patterns of use: Malaysia chapter.](#) The Medical Journal of Malaysia , 72 (supp. 1) pp.53
- 2017** [Fracture risk prediction in post-menopausal women with osteopenia and osteoporosis: preliminary findings.](#) Enfermería Clínica , 27 (supp. part 1) pp.232-235
- 2016** [Psycho-social and spiritual backgrounds, experiences, and needs as a transsexual: a qualitative study within Persatuan Insaf Pahang.](#) International Medical Journal Malaysia , 15 (2) pp.27-36
- 2016** [Baccaurea angulata fruit inhibits lipid peroxidation and induces the increase in antioxidant enzyme activities.](#) European Journal of Nutrition , 55 (4) pp.1435-1444
- 2016** [Knowledge and attitude towards HIV/AIDS among transsexuals in Kuantan, Pahang.](#) International Medical Journal Malaysia , 15 (1) pp.45-50

- 2016** [Transgenders in Kuantan, Pahang: knowledge and attitude towards HIV/AIDS.](#) Revelation and Science , 6 (1) pp.7-16
- 2015** [Evaluation of antioxidant, total phenol and flavonoid content and antimicrobial activities of artocarpus altilis \(breadfruit\) of underutilized tropical fruit extracts.](#) Applied Biochemistry and Biotechnology , 175 (7) pp.3231-3243
- 2015** [Apolipoprotein e gene polymorphisms in essential hypertension: a preliminary study with meta-analysis.](#) The International Medical Journal Malaysia , 14 (2) pp.39-46
- 2015** [Optimization of transfection of human coxsackie and adenovirus receptor into mammalian cells mediated by liposomes-base gene delivery.](#) Life Science Journal , 12 (2) pp.152-158
- 2015** [Designing and validating a new Asian family scale.](#) The International Medical Journal Malaysia , 14 (2) pp.23-28
- 2014** [Comparison on the effects and safety of Tualang honey and Tribestan in sperm parameters, erectile function, and hormonal profiles among oligospermic males.](#) Evidence-Based Complementary and Alternative Medicine , 2014 pp.126138-1
- 2014** [Adiponectin correlates in Malaysians: a comparison of metabolic syndrome and healthy respondents.](#) American Journal of Clinical Medicine Research , 2 (6) pp.106-110
- 2014** [Post tsunami psychological impact among survivors in Aceh and West Sumatra, Indonesia.](#) Comprehensive Psychiatry , 55 pp.S13-S16
- 2013** [Changes in the markers of atherosclerosis following administration of Belimbing dayak \(Baccaurea angulata\) fruit juice in experimental rabbits fed with cholesterol diet.](#) International Journal of Advances in Agricultural & Environmental Engineering (IJAAEE) , 1 (1) pp.151-154
- 2012** [Mas cotek \(Ficus Deltoidea Jack\) as possible supplement for type II diabetes: a pilot study.](#) Pertanika Journal of Tropical Agricultural Science , 35 (1) pp.93-102
- 2012** [Comparison of nutritional status of university students of two Asian countries.](#) Nutrition and Food Science , 42 (5) pp.332-338
- 2012** [Preliminary study on association of \$\beta\$ 2 - adrenergic receptor polymorphism with hypertension in hypertensive subjects attending Balok Health Centre, Kuantan.](#) The Medical Journal of Malaysia , 67 (1) pp.25-30
- 2011** [Social and HIV/AIDS risk behaviours in a fishing community.](#) International Journal of Humanities and Social Science , 1 (21) pp.251-257
- 2011** [Safety and efficacy of Viva QS® for smoking cessation among industrial workers in Kerteh and Kuantan, Malaysia.](#) International Medical Journal , 18 (3) pp.188-193
- 2011** [Social problems and HIV/AIDS risk behaviours in a fishing community .](#) International Journal of Humanities and Social Science , 1 (21) pp.251-257
- 2010** [Prevalence of cardiovascular risk factors in a selected community at Kuantan, Pahang, Malaysia .](#) International Journal of Medicine and Medical Sciences , 2 (10) pp.322-328

- 2009 [Functional disabilities and its associated factors among elderly patients in primary care clinics.](#) International Medical Journal Malaysia , 16 (4) pp.251-256
- 2008 [A focus group discussion on HIV/AIDS risk behaviour in a fishermen's community of East Coast Malaysia.](#) Journal of Community Health , Supp.1 pp.63
- 2007 [Physcial and mental health problems of the elderly in nursing homes in Kuantan, Pahang.](#) International Medical Journal Malaysia , 6 (1) pp.1-11

Conference or Workshop Item

- 2019 [Sociodemographic factors associated with premarital sex activity among school-going late adolescents in Kuantan, Pahang.](#) In: **15th NSOAH National Symposium on Adolescent Health 2019**
- 2018 [Predicting sexual intention to engage in premarital sex among late adolescent in Kuantan government secondary schools: an application of the Theory of Planned Behavior.](#) In: **Medical Research Symposium 2018**
- 2018 [Prevalence and characteristics of e-cigarette use among adults in Malaysia.](#) In: **17th World Conference on Tobacco or Health (WCTOH)**
- 2018 [Risk factors profile of young adult with acute myocardial infarction: a preliminary finding.](#) In: **Medical Research Symposium 2018**
- 2017 [Perception of e-cigarette harm and benefit - a nationwide survey comparing characteristics between electronic cigarette users, conventional cigarette smokers and dual users.](#) In: **5th Asia Pacific Conference on Public Health Supplement 2017**
- 2017 [How do the various media types and vape shops impact the perception of e-cigarettes use and harm in Malaysia?.](#) In: **5th Asia Pacific Conference on Public Health Supplement 2017**
- 2017 [Use of e-cigarette among Malaysian male adults: findings from global adult tobacco survey 2011 and national e-cigarette survey 2016.](#) In: **5th Asia Pacific Conference on Public Health**
- 2017 [Low nicotine addiction level, older age, and being female are associated with contemplation and preparation stages of smoking cessation among adult current smokers in Malaysia.](#) In: **5th Asia Pacific Conference on Public Health**
- 2017 [National E-cigarette Survey \(NECS\) 2016 in Malaysia method and population characteristics.](#) In: **5th Asia Pacific Conference on Public Health Supplement 2017**
- 2016 [Depression, anxiety, and stress among adolescents in Kuantan and its association with religiosity-a pilot study.](#) In: **2nd World Congress on Integration Islamicisation: Focus On Medical & Health Care Sciences 2016 (2WCII-2016)**
- 2016 [Understanding of anti-cancer properties of Neolamarckia cadamba \(Kalempayan\) leaves extract on breast cancer cell.](#) In: **3rd Pan-Asian Biomedical Science Conference 2016 (3rd PABSC)**
- 2016 [Effectiveness of lifestyle modification intervention on cardiometabolic risk profile among obese adults.](#) In: **1st IIUM Research Symposium 2016 (IRS 2016)**

- 2016 [Prevalence of cardiometabolic risk factors among Malaysian obese adults.](#) In: **Medical Research Symposium and Pacific Partnership 2016**
- 2016 [The reliability of an error classification system developed for use by the International Islamic University Malaysia Primary Care Clinic.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**
- 2015 [Trans-sexual: role of primary care doctor.](#) In: **18th Family Medicine Scientific Conference 2015**
- 2015 [Pengalaman berinteraksi dengan golongan transgender.](#) In: **Simposium Fiqh Perubatan**
- 2015 [Medical and Islamic responses to harm reduction practices.](#) In: **Islamic and Integration of Knowledge Workshop (I-WIN)**
- 2015 [Pengenalan LGBT and kemahiran temu seru/outreach.](#) In: **Bengkel manual Islam dan HIV/AIDS peringkat negeri Pahang 2015**
- 2014 [Potential hypocholesterolemic and health benefits of *Baccaurea angulata* fruit in hypercholesterolemic rabbits.](#) In: **K.A.H.S. Research Week 2014**
- 2014 [Antiatherosclerotic effect of *Baccaurea angulata*: an under-utilized fruit.](#) In: **K.A.H.S. Research Week 2014**
- 2014 [Evaluation of antioxidant, total phenols and flavonoids content and antimicrobial activities of *Artocarpus altilis* \(breadfruit\) of underutilized tropical fruit extracts.](#) In: **International Health Conference IIUM 2014**
- 2014 [The effects of family dynamic to psychological aspects of transsexuals at Kuantan, Pahang in 2012.](#) In: **International Health Conference IIUM (IHCI 2014)**
- 2014 [The effectiveness of sexual and reproductive health \(SRH\) education programme among secondary school students in Felda, Pahang.](#) In: **4th International Public Health Conference**
- 2013 [The effects of family dynamics to psychological aspects of transsexuals at Kuantan Pahang in 2012.](#) In: **17th Malaysian Family Medicine Scientific Conference**
- 2012 [Inventing & validation of a new family scale: Asian family characteristics scale & skala ciri kekeluargaan Asia.](#) In: **IIUM Research, Invention and Innovation Exhibition, IRIIE 2012**
- 2012 [Wellness and healthy programme for KOM Staff \(WELLKOM\).](#) In: **IIUM Research, Invention and Innovation Exhibition (IRIIE) 2012**
- 2011 [Determination of polyphenols compounds of *Baccaurea angulata* \(Belimbing Dayak\).](#) In: **International Health Conference IIUM 2011**
- 2011 [Serum adiponectin status among metabolic syndrome in Kuantan, Pahang.](#) In: **15th Malaysian Family Medicine Scientific Conference**
- 2011 [Serum adiponectin status among metabolic syndrome in Kuantan, Pahang.](#) In: **10th Continuing Professional Development (CPD) Series: Diabetic Asia 2011 Conference and Workshop**

- 2011 [Botanic power: for liver and kidney cells regeneration.](#) In: **22nd International Invention, Innovation & Technology Exhibition (ITEX 2011)**
- 2011 [Serum Adiponectin status as a Biomarker of metabolic syndrome among Malaysians.](#) In: **IIUM Research, Invention and Innovation Exhibition (IRIIE) 2011**
- 2011 [Association of apolipoprotein E and GLN192ARG paraoxonase 1 gene polymorphisms with hypertension.](#) In: **1st National Postgraduate Conference in Molecular Medicine, 2011**
- 2011 [Physicochemical and antioxidant properties of Baccaurea angulata \(Belimbing Dayak\).](#) In: **International Health Conference IIUM 2011**
- 2010 [Study of \$\beta\$ 2-Adrenergic Receptor Polymorphisms among Hypertensive.](#) In: **3rd IIUM-iCAST International Conference on Advancement in Science and Technology**
- 2010 [Efficacy and safety of viva QS capsule for nicotine addiction in Malaysian adult smokers.](#) In: **IIUM Research, Innovation & Invention Exhibition (IRIIE 2010)**
- 2010 [Mas cotek \(Ficus Deltoidea Jack\) as possible supplement for type II diabetes: a pilot study.](#) In: **12th Medicinal And Aromatic Plants Seminar (MAPS 2010)**
- 2010 [Study of Beta 2-Adrenergic Receptor Polymorphisms among Hypertensives.](#) In: **3rd International Conference on Advancement in Science and Technology (ICAST)**
- 2009 [Effectiveness of a mobile smoking cessation service in reaching smokers at workplaces.](#) In: **12th World Congress on Public Health**
- 2009 [Biochemical markers used to ascertain exposure to cigarette smoking and environmental tobacco smoke.](#) In: **IIUM Research and Innovation Exhibition 2009**
- 2009 [A randomized double blind placebo-control trial on safety and efficacy of Viva QS for smoking cessation in Malaysian adult population.](#) In: **The 9th Asian Conference on Clinical Pharmacy (ACCP9)**
- 2009 [Focus group discussion on HIV/AIDS risk behaviors in a fishermen's community of east coast, Malaysia .](#) In: **12th World Congress on Public Health**
- 2008 [Comparison of energy and macro-nutrients intakes in university hostel students in two countries of Asia.](#) In: **Central European Congress on Obesity: from Nutrition to Metabolic Syndrome (CECON 2008)**

Book

- 2017 [Garis panduan pengendalian masalah kesihatan gender di Klinik Kesihatan.](#) Bahagian Pembangunan Kesihatan Keluarga, Kementerian Kesihatan Malaysia, Aras 7, Block E10, Kompleks E, Pusat Pentadbiran Kerajaan Persekutuan, 62590 Putrajaya . ISBN 978-967-5322-14-3

Book Section

- 2011 [Mas Cotek \(Ficus deltoidea\): a possible supplement for Type II Diabetes: \(a pilot study\).](#) In: **Harnessing the tropical herbal heritage : recent advances in R&D and commercialization** Forest Research Institute Malaysia . ISBN 9789675221743 , pp.139-149