

THE EXPERTS @ INHART

BRIEF PROFILE OF EXPERTS AND TRAINERS
INTERNATIONAL INSTITUTE FOR HALAL RESEARCH AND TRAINING (INHART)

INHART \(\text{\text{Halal at Heart}}\)

- PhD (Chemistry) University of Waterloo, Canada
- MSc (Chemistry) University of Waterloo, Canada
- BSc. Hons (Biochemistry) University of Waterloo, Canada

Post

- Dean, INHART
- · Chief Editor, Halalsphere Journal
- Copy Editor, IIUM Engineering Journal

Research Project

- Green approach for halal nanoemulsions production using deep eutectic solvents on fish by- products
- Directed evolution of a β-glucoside kinase for sulfurphosphorus bond formation

Expertise

- Enzymology
- Agro-industry residue utilization
- Halal sciences

Research Interest

- Microbial enzymes
- Agro-industry residue transformation into value added products
- Halal microcarriers, ingredients with natural deep eutectic solvents, plant natural products
- Muslim friendly tourism & services
- T&L of science from Qur'anic worldview

Services

- Halal related training (local and abroad)
- Muslim friendly tourism training (abroad)
- Consultancy for halal industry & Muslim friendly tourism & services

Social Media Platform

- http://www.iium.edu.my/institute/inhart
- <u>GoogleScholar</u>
- Scopus 6602485216
- ORCID 0000-0003-4627-8019
- ResearchGate Hamzah Salleh



Prof. Dr. Hamzah Mohd. Salleh Email: hamzah@iium.edu.my





Academic/Professional Qualification

- BA. (Hons.) Universiti Malaya (Socio-Economic)
- MBA University of Ballarat (Entrepreneurship)
- PhD University of London (Small Business and Development Economics)
- **HRDF** Training for Trainers
- Franchise Business Certificate (Massey)
- Halal Training Certificate (NZ)

Research Project

- **Small Business Management**
- Small and Medium Enterprises (SMEs) Development
- Entrepreneurship and Entrepreneurial Development
- Sustainable Economic Development
- Micro Enterprises and Micro Finance
- Halal Industry, Halal Business and Halal Entrepreneurs

Expertise

- **Economics, Business And Management**
- **Entrepreneurial Development**
- **Small Business Management**
- Economic Development,
- Venture Capital and Alternative Financing
- Halal Industry Development
- Halal Entrepreneurship and Halal Marketing.

Research Interest

- **Small Business Management**
- Entrepreneurship
- Sustainable Economic Development
- Micro Enterprises and Micro Finance
- Halal Industry and Halal Entrepreneurship

Services

- Conducted more than 35 research related projects.
- Published more than 16 books
- More than numerous papers in renowned journals and presented score of papers in the international conferences/forums.
- Consultants to KPMG, HDC, and various ministries



Prof. Dr. Moha Asri Abdullah Email: mosri@iium.edu.my

- BSc with Ed (1st class- Hons.) University of Malaya (Major-Biology and Minor-Mathematics)
- MSc University of Malaya (Plant Molecular Biology)
- PhD Royal Holloway, University of London, United Kingdom (Plant Molecular Biology)
- Professional Technologies (Biotechnology), Malaysia Board of Technology
- Member of Royal Society of Biology (London, United Kingdom)
- Committee member for Malaysia Chapter Asian Federation of Biotechnology, Korea

Post

- Deputy Dean Responsible Research, Publication, & Innovation
- Executive Editor for Halalsphere Journal
- MyRA Internal Auditor

Expertise

- Molecular Biology
- Natural Products
- Bioprocess Engineering
- Halal Science
- Integrated and Sustainable Agriculture Technology
- Halal and Toyyib Lifestyle

Social Media Platform

- Google Scholar: Google Scholar Citation
- Scopus: Scopus Author Details
- PlumX database: https://plu.mx/iium/u/iium-azura-amid
- ORCID ID: <u>ORCID Author Details</u>



Prof Ts. Dr Azura Amid Email: azuraamid@iium.edu.my

- BSc (Hons.) Bogor Agric University, Indonesia (Food Technology and Human Nutrition)
- MSc Universiti Pertanian Malaysia (Food Chemistry and Biochemistry)
- PhD Universiti Putra Malaysia (Food Chemistry and Biochemistry)
- PhD Exchange Programme University of British Columbia, Canada (Food, Nutrition and Health)
- Post-doctorate- National Food Research Institute, Tsukuba, Japan, (Lipid Biochemistry)
- Diploma in Islamic Revealed Knowledge IIUM

Research Project

- Food Processing and Ingredients
- Halal Nanomaterials
- Halal Pharmaceuticals
- Halal Standards and Economy Impact
- Halal Substitutes for Cosmetics
- Halal Industry and Policy

Expertise

- Food Chemistry and Biochemistry
- Natural Products
- Halal Food Forensic
- Halal Food Management

Research Interest

- Halal Materials
- Capacity Building in Halal Industry
- Sensors for Halal Authentication
- Nanotechnology for halal industry applications

Services

- Received more than 40 scientific awards, including prestigious
 King Faisal International Prize 2018
- Published more than 190 journal articles and 40 book chapters
- Presented in more than 250 conferences and seminars
- H Index 19 (Scopus) and 27 (Google scholars)
- 6 Patents, 3 of them commercialised
- Consultant in various organisations and companies, both local and international

Prof. Dr. Irwandi Jaswir Email: irwandi@iium.edu.my

- PhD (Nutrition and Cancer) University of Ulster, UK
- MEng (Bioprocess) Universiti Teknologi Malaysia
- BSc. Hons (Biomed. Sc) Universiti Kebangsaan Malaysia
- Postdoctoral Research Fellow (Institute of Food and Health, University College Dublin)
- Fellow, Institute of Biomedical Science, UK
- Alumni, Young Scientist Network-Akademi Sains Malaysia

Post

- Deputy Dean, Academic and Student Affairs, INHART
- Senior Editor, Journal of Halal Industry and Services
- Editorial Board Member, Halalsphere

Research Project

- Agarwood for health and wellbeing
- Halalan Tayyiban diet for health and wellbeing

Expertise

- Phytochemical processing
- Mammalian cell culture based studies
- Halal sciences

Research Interest

- Natural products
- Traditional and complementary medicine
- Halal living
- Halal body of knowledge

Social Media Platform

- ORCID 0000-0002-8823-9731
- ResearchGate Yumi_Hashim|
- SCOPUS 9435676000
- https://scholar.google.com.my/citations?user=3SNlup4AAAAJ&hl=en



Assoc. Prof. Dr. Yumi Zuhanis Has-Yun Hashim Email: yumi@iium.edu.my



- PhD. Universiti Putra Malaysia (Aquatic Biology)
- BSc. Universiti Putra Malaysia (Biology)
- Dip. Science with Education Universiti Pertanian Malaysia (Biology)

Research Project

- Prototype for Smart Green Composting Machine (Smart Comp)
- Prototype development of microalgae paste,
 F-Algae, for aquaculture industry
- Ecdysis mechanism and behavior in the young stages of Asian Horseshoe crab

Community Project

- Fish Culture for Sustainable Livelihood of Women, Orphans and the Needy
- Enhancement of Sustainable Eco-Tourism
 Programme Through Community Participation in Mangrove Forest Conservation Activities in Kong Kong and Medan Strait Johor



Social Media Platform

- https://orcid.org/0000-0002-5626-7834
- Scopus Author ID: 24734239800
- https://scholar.google.com.my/citations?user=qCL3S dwAAAJ&hl=en

Assoc. Prof. Dr. Zaleha Kassim Email: drzack@iium.edu.my

- PhD (Microbial Bioremediation) University of Malaya
- MSc (Environmental Biotechnology) University of Malaya
- BSc. Hons (Industrial Biotechnology) University of Malaya
- International Federation of Biosafety Association Certified Professional (IFBA-CP)
- Registered Biorisk Professional (RBP)

Post

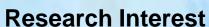
- Head of Science and Technology INHART
- IIUM IBBC member/ acting BSO
- Section Editor for Halalsphere Journal

Research Project

- Cold active Hydrolytic Enzymes from Antarctica Region
- Development of E-nose and E-tongue for Halal authentication
- Multi-omics analysis of CHs-Dioxygenases from landfill leachate

Expertise

- Molecular Biology
- Microbiology
- Environmental Technology
- Bioinformatics and Computational Biology
- Biosafety and Biosecurity
- Halal Sciences



- Polar Science
- Multi-omics analysis
- Halal Authentication
- Bioinformatics and Computational Biology
- Environmental Technology
- Integrated and Sustainable farming
- Forest Therapy

Services

- Biosafety and Biosecurity consultant
- Environmental Services
- InSAF
- TIHCA



Assoc. Prof. Dr. Noor Faizul Hadry Nordin Email: faizul@iium.edu.my



- PhD: Food Chemistry & Biochemistry, UPM, Serdang, Malaysia.
- MSc: Applied Chemistry & Chemical Technology, U of Gezira, Medani, Sudan.
- BSc: Agricultural Biochemistry, Cairo University, Cairo, Egypt.

Post

- Consultant; Halal Goods & Services Council (Sudan)
- Consultant; Agricultural Engineers Union (Sudan)
- President; University of Dongola (Sudan)
- Quality control inspector at the Sudanese Standards & Metrology Organization (SSMO)
- University of Gezira, Applied Chemistry & Chemical Technology.
- National Oilseed Processing and Research Institute (NOPRI) at U of G, Medani, Sudan.
- Department of Biotechnology Engineering at KOE, IIUM.
- Halal Research Centre, IIUM.
- International Institute for Halal Research and Training (INHART)

Research Interest

- Food Chemistry & Biochemistry
- Fats, Oils & Related Materials
- Halal Research
- Halal Product Authentication
- Chemistry of Natural Products
- Instrumental Chemical Analysis
- Food Biotechnology



Social Media Platform

- Research Gate:
 https://www.researchgate.net/profile/Mohamed Mirghani
- Google Scholar:
 https://scholar.google.com/citations?user=6sh VgUAAAAJ&hl=en
- SCOPUS: https://www.scopus.com/authid/detail.uri?authorld=6603607895
- ORCID: http://orcid.org/0000-0002-9558-9449
- Researcher ID: http://www.researcherid.com/rid/U-7332-2018
- IREP Profile: http://irep.iium.edu.my/profile/elwathig

Assoc. Prof. Dr. Mohamed Elwathig Saeed Mirghani Email: elwathig@iium.edu.my

- University Malaya (PhD)-Quran Sunnah
- International Islamic University Islamabad (MA)-Tafsir Hadith
- International Islamic University Islamabad (BA. Hons.)-Usuluddin
- Certified Halal Trainer (JAKIM)
- Certified Professional Trainer (HRDF/PSMB)
- Certified Korean Hand Therapy (Koryo Sooji Chim) Acupuncturist

Research Project

- Insight Analysis of Current Aquaculture Farming Practice Towards Incorporating Green and Shariah Compliant Elements
- The Comprehensive Study on Al-Jallalah Animals and Its Impact on Malaysian Aquaculture Industry
- Geo-tourism Destination (GTD) Framework
 Based on Sustainable Development Goals and
 Maqasid Shariah

Expertise

- Shariah Compliance and Halal Laws
- Social Science and Humanities
- Thematic Exegesis and Science of Hadith
- Muslim Friendly Alternative Therapies



- Shariah and Halal Laws
- Muslim Friendly Aquaculture Farming
- Animal feeds/Al-Jallalah
- Thematic Exegesis
- Science of Hadith
- Study on Morality
- Fiqh Consumerism
- Shariah Compliant Services

- Muslim Friendly Tourism Industry Ecosystem
- Halal Industry Ecosystem
- Halal Industry Management
- Integration between Figh and Science
- Alternative Halal Sources
- Geopark Tourism
- Oriental Medicines/Korean Hand Therapy
- Prophetic Medication

Services

- Head of Halal Awareness, Information and Outreach
- Editor for Journal of Halal Industry and Services (JHIS) & International Journal of Halal Research
- Shariah Advisor KIHCA and TIHCA
- SharP/Flagship Member
- External Assessor for Diploma in Halal Industry Management, IIC

Asst. Prof. Dr. Betania Kartika Email: betania@iium.edu.my

- B.Sc Industrial Chemistry Universiti Teknologi Malaysia
- M.Sc Chemistry Universiti Teknologi Malaysia
- Ph.D Halal Product Science Universiti Putra Malaysia
- Certificate of Train of the Trainer Pembangunan Sumber Manusia Berhad (PBMB)
- Certificate of JAKIM Trainer JAKIM
- Halal Auditor

Research Project

- Chemometrics Analysis Combined with GC-MS and NMR Spectroscopy Analysis of Fatty Acids as a Means of Discriminating Butterfat Adulteration
- Fatwa & Sains Perubatan Menurut Perspektif Maqasid Syariah
- Pectin from Dragon Fruit (Hylocerus Polyrhizus) as Potential Halal Gelling Agent

Research Interest

- Alternative material Ingredients
- Food Chemistry
- Food Adulteration
- Fats and Oils Analysis
- Halal Analysis and Authentication
- Halal Internal Audit
- Halal Industry Development
- Halal Product Innovation
- Halal Training and International Audit
- Integration between Halal Science and Islamic Studies



Asst. Prof. Dr. Nurrulhidayah Ahmad Fadzillah Email: nurrulhidayah@iium.edu.my







Academic/Professional Qualification

- B. Sc (Hons) Universiti Sains Malaysia
- M. Sc Universiti Malaya
- Ph. D Universiti Putra Malaysia
- Malaysian Institute of Chemistry (L/1643/5200/07)

Post

- Head of Laboratories
- Editorial board of Journal of Halal Industry and Services
- Editorial board of Halalsphere

Expertise

- Analytical chemistry
- Food additives
- Halal Testing
- Environmental forensics

Research Interest

- Halal authentication
- Food antimicrobials
- Oil spill analysis



Social Media Platform

- Scholar Google: Muhamad Shirwan Abdullah Sani
- Scopus:Sani, Muhamad Shirwan Abdullah
- Twitter: @shirwansany1
- Youtube: shirwansany

Asst. Prof. Dr. Muhamad Shirwan Abdullah Sani Email:shirwansany@iium.edu.my

- BA. (Hons) University of Malaya Shariah (Fiqh and Usul al-Fiqh)
- Master University of Malaya (Figh Consumerism)
- PHD Universiti Putra Malaysia (Shariah and Halal Laws)
- Certified Professional Halal Auditor and Trainer

Research Project

- Geo-tourism Destination (GTD) Framework Based on Sustainable Development Goals and Maqasid Shariah
- The Comprehensive Study on Al-Jallalah Animals and Its Impact on Malaysian Aquaculture Industry
- Characterization of Alcohol Content and the Impact of Its Physicochemical Properties In Various Types of Halal Vinegar Products

Expertise

- Shariah compliance and Halal Laws
- Social Science and Humanities
- Muslim Friendly Geotourism Ecosystem

Research Interest

- Shariah and Halal Laws
- Figh Consumerism
- Shariah Compliance Services
- Muslim Friendly Tourism Industry Ecosystem
- Halal Industry Ecosystem
- Halal Industry Management
- Halal Audit and Certification
- Integration Figh and Science
- Fatwa
- Alternative Halal Sources
- Halal Food Culture
- Geopark Tourism

Services

- Head, Social Science and Humanities
- Editor for Halalsphere Journal
- Shariah Advisor KIHCA and TIHCA
- InSAF and SharP (IIUM Flagship) Member



Asst. Prof. Dr. Mohammad Aizat Jamaludin Email: mohdaizat@iium.edu.my







Academic/Professional Qualification

- Dip. Quantity Surveyor, UTM
- Dip. Information Technology, Swansea Institute
- B. Quantity Surveyor, UTM
- MSc. Asset and Facilities Management, Heriot-Watt University, UK
- PhD Facilities Management, UTM
- Malaysia Association of Facilities Managers

Post

Head of Consultancy, INHART

Research Project

- Quantity Surveying
- Facilities Management
- Asset Management
- Waste Management
- Muslim Friendly Tourism Management
- Carbon Management



Asst. Prof. Dr. Khairusy Syakirin Has-Yun Hashim Email: syakirin@iium.edu.my







Academic/Professional Qualification

- B. (Hons.)- IIUM, Malaysia (Biotechnology)
- M.Sc IIUM, Malaysia (Biotechnology Engineering)
- Ph.D Hokkaido University, Japan (Marine Life Science

Post

- Member SharP (Flagship)
- Main Board InSAF (Treasurer)
- Facilitator Insan Sejahtera, Ta'aruf Week
 & TIDE
- Academic Advisor (Mushrifah) Fellow Mahallah Sumayyah
- Editorial Board Halalsphere Journal & Journal of Halal Industry and Services

Research Interest

- Halal Alternative Ingredients
- Plant & Seaweed Lipid Technology
- Food Science and Food Biotechnology
- Bio-functional Resources & Material Chemistry
- Qur'an, Values, Ethics, Technology,
 Society & Sustainability



Asst. Prof. Dr. Noor Yuslida Hazahari

Email: noory@iium.edu.my Contact no: +603-6196 6490



- BSc Universiti Sains Malaysia (Food Technology with Management)
- MSc Universiti Sains Malaysia (Food Technology)
- PhD Universiti Putra Malaysia (Halal Products Management)
- ATLAS.TI Profesional Junior Trainer

Research Interest

- Halal Food Management
- Halal consumer behaviour
- Food fraud
- Whistle-blowing, Core-competencies and Training
- Halal and Tayyib diet.

Social Media Platform

- Google Scholar:

 https://scholar.google.com/citations?user=dV
 bmehIAAAAJ&hl=en
- Research Gate: https://www.researchgate.net/profile/Ahmad_ Anis_Najiha
- ORCID ID: https://orcid.org/0000-0002-8498-147X



- BSc Universiti Putra Malaysia (Biotechnology)
- MSc Universiti Putra Malaysia (Aquaculture and Marine Biotechnology)
- PhD Hokkaido University (Marine Life Science)

Research Projects

- Establishing zebrafish nutritional requirements in protein-tocarbohydrate ratio, as an animal model for farm fish nutrition and growth studies: Effects on fish growth, health and gut microbiota (FRGS 2019) - Principal Investigator
- The impacts of vaccination and Internet of Things (IoT) in marine fish culture industry (TRGS 2019) - Member
- Understanding microbiome dynamics and pathogenesis of Acute Hepatopancreatic Necrosis Disease (AHPND) in shrimp culture in Malaysia (FRGS 2018) - Member
- Development and efficacy of feed-based polyvalent killed vaccine against Vibriosis, Motile Aeromonad Septicemia (MAS) and Streptococcosis for Marine Fish (UPM grant 2018)
 Member

Research Interest

- Fish disease monitoring, management and mitigation for sustainable aquaculture
- Microbial genomics, taxonomy and diversity
- Fermentation technology using marine organisms
- Fish nutrition, gut microbiome and host immune system



Expertise Activities/ Services

- Member of Working Group (WG 5-2) on Biological Test Method Related to Halal; Malaysian National Standard Committees (NSC I)
- Technical Committee (TC) on Halal Food, Malaysian National Standard Committees (NSC I)
- Journals reviewer/ Thesis Examiner

Social Media Platform

- Research Gate: https://www.researchgate.net/profile/Nurhidayu_Al-Saari2
- ORCID ID: https://orcid.org/0000-0002-2952-7039
- Scopus Author ID: 56073046000

Asst. Prof. Dr. Nurhidayu Al-saari Email:hidayusaari@iium.edu.my

- PhD (Pharmaceutical Science), Monash University, Australia
- Master of Science (Biotechnology Engineering), IIUM
- Bachelor of Biomedical Science (Hons.), IIUM

Post

Head of Postgraduate Management

Research Project

- Synergistic killing of novel combinations of 'old' polymyxin drug and medicinal plant extracts targeting Gram-negative bacteria
- Deciphering the mechanism of action of polymyxins on pentose phosphate pathway metabolism in Acinetobacter baumannii in discovering novel antibiotic targets

Research Interest

- Antimicrobials, Antimicrobial Resistance
- Polymyxins
- Systems Biology (Metabolomics, transcriptomics)
- Natural products
- Halal pharmaceuticals
- Halal ingredients
- Halal supply chain
- Cold Chain Management
- Halal Authentication

Social Media Platform

- Google scholar: shorturl.at/evGH2
- Scopus research ID: 57148316500 (shorturl.at/kltE4)
- WOS Research ID: AAS-5609-2020 (shorturl.at/biLOY)



Asst. Prof. Dr. Mohd Hafidz Mahamad Maifiah Email: mhafidzmaifiah@gmail.com







Academic/Professional Qualification

- Halalan Tayyiban Food Quality Management (PhD, Universiti Sains Malaysia)
- Islamic Development Management (MSc, Universiti Sains Malaysia)
- Food Technology (BSc, Universiti Sains Malaysia)

Post

- Member SharP (IIUM Flagship Project)
- Main Board InSAF (Head of Business & Marketing)

Research Interest

- Halalan Tayyiban Food Management
- Islamic value-based management
- Islamic Productivity
- Halal-Green Management
- Halalan Tayyiban diet

Social Media Platform

- Google Scholar:
 https://scholar.google.com/citations?us
 er=21H3 lkAAAAJ&hl=en
- Research Gate:
 https://www.researchgate.net/profile/No
 razilawati Md Dahlal



Dr. Norazilawati Md Dahlal Email: noradahlal@iium.edu.my







Academic/Professional Qualification

- Halal Products Science (PhD, Universiti Putra Malaysia)
- Halal Food Analysis (MSc, Universiti Putra Malaysia)
- Agrotechnology (Aquaculture)(BSc, Universiti Malaysia Terengganu)

Post

- Head of Undergraduate Management
- Editorial board of Journal of Halal Industry and Services

Research Interest

- Halal Authentication
- Biotechnology
- Agrotechnology
- Food Technology

Social Media Platform

- Research Gate:
 https://www.researchgate.net/profile/Nur_
 Azira_Tukiran
- Google Scholar: http://scholar.google.com/citations?user=E LPEK7wAAAAJ&hl=en



Dr. Nur Azira Tukiran Email: aziratukiran@iium.edu.my



- B. (Hons) IIUM (Landscape Architecture)
- MSc. IIUM (Built Environment)
- PhD IIUM (Halal Industry)
- Member of International Water, Soil, Air, Conservation Society

Expertise

- Inductive Coupled Plasma Mass Spectrometer
- Soil Quality Analysis

Research Interest

- Environmental Science
- Landscape Ecology
- Soil quality
- Landfill management
- Renewable energy
- Environmental sustainability
- Phytoremediation
- Halal industry
- Halal lifestyle
- Muslim friendly and hospitality

Social Media Platform

- Google scholar: https://scholar.google.com/citations? hl=en&user
- Research gate: <u>https://www.researchgate.net/profile/Nur_Mohd_Latiff</u>
- ORCID: https://orcid.org/0000-0003-4222-5331



Asst. Prof. Dr. Nur Hanie Mohd Latiff Email: nurhanielatiff@iium.edu.my





Academic/Professional Qualification

- B. (Hons) IIUM (Landscape Architecture)
- MSc.- University of Adelaide (UNISA) (Environmental Management and Sustainability (Water Resource Management)
- PhD IIUM (Halal Industry)
- Member of International Water, Air, Soil, Conservation Society

Expertise

- Inductive Coupled Plasma Mass Spectrometer
- Water Quality Analysis
- Soil Quality Analysis

Research Interest

- Environmental Science
- Landscape Architecture
- Environmental Sustainability
- Halal Lifestyle
- Shariah Compliant for Humanizing Productivity
- Sustainable Development
- Water Quality
- Soil Quality
- Environmental Quality

Social Media Platform

 Google scholar: https://scholar.google.com/citations?user=GNx p9nkAAAAJ&hl=id&oi=ao



ASST. PROF. DR. WAN SYIBRAH HANISAH WAN SULAIMAN Email: syibrahanis@iium.edu.my



- Business Administration (PhD, International Islamic University Malaysia)
- Finance (MSc, International Islamic University Malaysia)
- Islamic Banking and Finance (MA, UniSHAMS)
- Business Administration (Advanced Diploma, Kwara State Polytechnic Ilorin, Nigeria)
- Business Administration (National Diploma, Federal Polytechnic Offa, Nigeria)
- Nigeria Institute of Management (Chartered)

Consultancy

 Consultant to KPMG and HDC (Halal Incubation programme for Entrepreneurs)

Research Interest

- Halal Business and Investment Opportunities
- Halal Finances and Financing
- Halalpreneurship
- Halal Supply Chain Management
- Consumer Behaviour
- Food Security
- Food Access
- Food Affordability
- Corporate Social Responsibility
- Islamic Social Finance
- Islamic Finance
- Employee Engagement
- Modern and Behavioural Finance

Social Media Platform

- GoogleScholar:
 - https://scholar.google.com/citations?user=N_EB2tEAAAAJ&hl=en&oi=ao
- ResearchGate: https://www.researchgate.net/profile/Haruna_Jaiyeoba
- Scopus ID: 57190746838
- ORCID ID: https://orcid.org/0000-0001-8264-9863



Dr. Haruna Babatunde Jaiyeoba Email: harunjaiyebab@iium.edu.my

- B. Sc (Biochemistry), King Abdul Aziz University, KSA
- MSc (Biotechnology Engineering), IIUM
- PhD (Engineering), IIUM
- Associate Member of Nanoscience and Nanotechnology Research Group (NanoRG)

Expertise

- Experimental design
- Enzymology

Research Interest

- Biomass processing
- Green solvents; Ionic liquids and Deep Eutectic Solvents and their applications in halal industry
- Enzymatic applications

Services

Published more than 35 research articles



Services

- Personal Website: <u>www.amalgh.com</u>
- ResearchGate:
 https://www.researchgate.net/profile/Amal_Elgharbaw
 v2
- https://publons.com/researcher/1609566/amalelgharbawy/
- ORCID ID: https://orcid.org/0000-0002-5281-2532

Dr. Amal A. M. Elgharbawy Email: amalgh@iium.edu.my





Academic/Professional Qualification

- B. Eng (Biochemical-Biotechnology), IIUM
- MSc (Biotechnology Engineering), IIUM
- PhD (Engineering), IIUM

Research Project

- Revealing Agarwood-based Prescription(s)
 Documented in Malay Medical Manuscripts towards cancer treatment
- Mechanism of Newscastle Disease Virus (NDV) Propagation in High Density Cell Culture Supported on Halal Gelatin Coated Porous Microcarriers

Social Media Platform

- Researchgate:

 https://www.researchagate.net/profile/Nurh

 usna Samsudin
- ORCIDID: https://orcid.org/0000-0002-7982-0495



Dr. Nurhusna binti Samsudin Email: nurhusna@iium.edu.my