



International
Halal
Symposium



UMS
UNIVERSITI MALAYSIA SABAH

SCIENTIFIC PROGRAMME

ADVANCING HALAL SCIENCE & TECHNOLOGY: INNOVATIONS, CHALLENGES, & OPPORTUNITIES

20- 22 AUGUST 2024
The Magellan Sutera Resort
Kota Kinabalu, Sabah, Malaysia

ORGANIZER



PUSAT PERKHIDMATAN DAN PENYELIDIKAN HALAL
HALAL SERVICE AND RESEARCH CENTRE
UNIVERSITI MALAYSIA SABAH

Co-ORGANIZER



PTSKN (TTK)





IHS2024 *highlight*

HALAL AWARENESS WORKSHOP

21 August 2024 | Breakout Room | 8.00 am – 12.45 pm

TIME	ACTIVITIES
08.00 am – 09.00 am	: Principles of Halal and Haram
09.00 am – 10.25 am	: Introduction to Malaysian Halal Certification
10.25 am – 10.40 am	: Coffee Break
10.40 am – 11.40 am	: Halal Certification Requirements in Industry
11.40 am – 12.30 pm	: Issues and Challenges of Halal Industry
12.30 pm – 12.45 pm	: Q & A Session
12.45 pm	: Session End



PUSAT PERKHIDMATAN DAN PENYELIDIKAN HALAL
HALAL SERVICE AND RESEARCH CENTRE
UNIVERSITI MALAYSIA SABAH

Day 1

20 August 2024

KEYNOTE

PLENARY

CONCURRENT SESSIONS

0700 – 0800	Registration
0800 – 1000	Opening Ceremony IHS 2024 <i>Live stream via UMS Official Facebook [for online participant]</i>
1000 – 1030	Coffee Break
KEYNOTE & PLENARY SESSION	
1030 – 1115	Keynote Speaker: Datuk Seri Panglima Haji Yahya Hussin Yang Di-Pertua Majlis Ugama Islam Sabah (MUIS)
1120 – 1200	Plenary 1: Prof. Dato' Ts. Dr. Sharifudin Md Shaarani Vice Chancellor, Universiti Sains Islam Malaysia
1200 – 1240	Plenary 2: Mr. Nasrul Hadi Mohamed Nor Head of Halal Affairs, Nestlé (Malaysia) Bhd.
1240 – 1400	Lunch Break
1400 – 1700	CONCURRENT SESSION 1 & 2 <i>Please refer to the scientific schedule (coffee break - 3.00pm)</i>
1400 – 1700	CONCURRENT SESSION 3 & 4 <i>Please refer to the scientific schedule (coffee break - 3.00pm)</i>
1400 – 1700	CONCURRENT SESSION 5 & 6 <i>Please refer to the scientific schedule (coffee break - 3.00pm)</i>

HALAL AWARENESS WORKSHOP: BREAKOUT ROOM [8.00AM – 12.45PM]

This workshop only applicable to participants registered for this session

PLENARY SESSION

0900 – 0940	Plenary 3: Assoc. Prof. Dr. Rohafiz Sabar School of Technology Management & Logistics Universiti Utara Malaysia
0945 – 1025	Plenary 4: Prof. Dr. Mohamed Battour (Online session) College of Business Administration, A'Sharqiyah University (ASU), Oman
1025 – 1040	Coffee Break
1045 – 1125	Plenary 5: Prof. Dr. Abdul Rohman (Online session) Centre of Excellence, Institute of Halal Industry and Systems (IHIS), and Faculty of Pharmacy, Universitas Gadjah Mada, Indonesia
1130 – 1245	CONCURRENT SESSION 7 & 8 <i>Please refer to the scientific schedule</i>
1245 – 1400	Lunch Break
1400 – 1440	Plenary 6: Prof. Dr. Haji Mohd Dahlan Haji Abdul Malek Faculty of Islamic Studies, Universiti Malaysia Sabah
1445 – 1545	CONCURRENT SESSION 9 & 10 <i>Please refer to the scientific schedule</i>
1545 – 1600	Coffee Break
1600 – 1630	CLOSING CEREMONY

Day 3

22 August 2024

EXCURSION [OPTIONAL]

Additional fee is required. Please contact with the secretariate during registration for more information

EXCURSION DAY

8.00 am	Registration at The Magellan Sutera Resort lobby
8.35 am	Excursion to Universiti Malaysia Sabah [UMS]
9.45 am	Arrival at <i>Mari Mari</i> Cultural and briefing by the tour guide
10.00 am	Tour begins Visit to 5 Traditional houses of ethnic group in Sabah & demo activities <ul style="list-style-type: none">• Dusun Traditional House• Rungus Traditional House• Lundayeh Traditional House• Bajau Traditional House• Murut Traditional House
11.30 am	Cultural Performance Show
12.00 pm	Lunch at <i>Mari Mari</i> Cultural Village
1.00 pm	Tour Ends

Day 2

21 August 2024

HALAL AWARENESS WORKSHOP

PLENARY

CONCURRENT SESSIONS



Day 1 (20 August 2024)

0700 – 0800 **Registration**

Opening Ceremony IHS 2024

0800 Arrival of Participants and Invited Guests

0840 Arrival of UMS Principal Officers

0850 Arrival of **YBhg. Prof. Datuk Dr. Kasim Hj Mansor**
Vice Chancellor, Universiti Malaysia Sabah

0900 Arrival of **YB Datuk Dr. Haji Mohd Arifin bin Datuk Haji Mohd Arif**
Minister of Science, Technology and Innovation, Sabah

0905 Ceremony begins

National Anthem "Negaraku" and the State Anthem "Sabah Tanah Airku"

Du'a Recital

Welcoming Remarks by YBhg. Prof. Datuk Dr. Kasim Hj Mansor
Vice Chancellor, Universiti Malaysia Sabah

Opening Speech by YB Datuk Dr. Haji Mohd Arifin bin Datuk Haji
Mohd Arif, Minister of Science, Technology, and Innovation,
Sabah

Officiating Ceremony of IHS 2024 / Montage

Token of Appreciation to Minister of Science, Technology and
Innovation, Sabah

Group Photo Session

End of Ceremony

1000 – 1030 **Coffee Break**



KEYNOTE AND PLENARY SESSION

Grand Ballroom

Chairperson: Assoc. Prof. Ts. Dr. Hasmadi Mamat
Universiti Malaysia Sabah

1030 – 1115 Keynote Speaker: **Datuk Seri Panglima Haji Yahya Hussin**
Yang Di-Pertua Majlis Ugama Islam Sabah (MUIS)

**Growth and Development of the Halal Industry in Sabah:
Opportunities and Collaborative Efforts**

1120 – 1200 Plenary 1: **Prof. Dato' Ts. Dr. Sharifudin Md Shaarani**
Vice Chancellor, Universiti Sains Islam Malaysia.

**Future Trends for Halal Food Innovations: Alternative Food
Ingredients and Processing**

1200 – 1240 Plenary 2: **Mr. Nasrul Hadi Mohamed Nor**
Head of Halal Affairs, Nestlé (Malaysia) Bhd.

Consumer Trends and Preferences

1245 – 1400 Lunch Break

1400 – 1700 **Concurrent Session 1 & 2 [Grand Ballroom]**
Please refer to the scientific schedule

1400 – 1700 **Concurrent Session 3 & 4 [Breakout Room]**
Please refer to the scientific schedule

1400 – 1700 **Concurrent Session 5 & 6 [Online Platform]**
Please refer to the scientific schedule



Day 1 (20 August 2024)

GRAND BALLROOM

Concurrent Session 1

Theme: Halal Food Innovation

Chairperson: Dr. Hjh. Noorakmar Ab. Wahab
Universiti Malaysia Sabah

- 1400-1415 (Physical oral presentation)
Innovation Mapping of Halal Honey Product to Increase Sales Volume
Dewi Masyithoh
Faculty of Animal Husbandry, Islamic University of Malang, Malang, East Java, Indonesia
- 1415-1430 (Physical oral presentation)
Characterization of Gelatin Hydrolysate from Bovine Skin using Alcalase
Nor Qhairul Izzreen Mohd Noor
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1430-1445 (Physical oral presentation)
The Characteristics of Soybean Tempeh Incorporated with Roselle
(*Hibiscus sabdariffa*) Seed
Nur'Ain Farhah Suhardi
Centre of Research for Innovation and Sustainable Development, University of Technology Sarawak, Sibu Sarawak, Malaysia
- 1445-1500 (Physical oral presentation)
Physicochemical and Sensory Properties of Nori Snack Derived from Midin
(*Stenochlaena Palustris*)
Siti Nadhira Mohamad Basri
Centre of Research for Innovation and Sustainable Development, University of Technology Sarawak, Sibu Sarawak, Malaysia
- 1500-1515 (Physical oral presentation)
Innovative Halal Foods: Enhancing Chicken Meatball Quality with *Lemna Minor*
Wolyna Pindi
Food Security Laboratory, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia

Break



Day 1 (20 August 2024)

GRAND BALLROOM
Concurrent Session 2

**Theme: Halal Food Innovation, Advanced Technologies,
Halal Food Authentication**

Chairperson: Prof. Dr. Chye Fook Yee
Universiti Malaysia Sabah

- 1530-1545 (Physical oral presentation)
Development of Brown Sugar Cube from Coconut Neera
Wan Zawiah Binti Wan Abdullah
Faculty of Fisheries and Food Science, Universiti Malaysia Terengganu
- 1545-1600 (Physical oral presentation)
Leveraging QR Code and Blockchain Technology for Enhanced Traceability in the Halal Meat Supply Chain
Ummul H. Mohamad
Institute of Visual Informatics, Universiti Kebangsaan Malaysia
- 1600-1615 (Physical oral presentation)
Halal Verification Applications Use Intention: Religiosity as the Moderator in S-O-R Framework
Pick-Soon Ling
School of Business and Management, University of Technology Sarawak
- 1615-1630 (Physical oral presentation)
Isolation of Porcine DNA in Cosmetic Cream using Epicenter MasterPure™ Complete DNA Purification Kit Extraction Methods
Azmanza Tulimin
Section of Animal Biomolecule, Halal Analysis Division, Industry and Custom Tariff Analysis Centre, Department of Chemistry, Petaling Jaya, Selangor, Malaysia
- 1630-1645 (Physical oral presentation – Postgraduate Student)
Utilizing Gold Nanoparticles in Electrochemical Immunosensors for the Detection of Apolipoprotein AI in Chicken Blood Plasma for Surimi-Based Products
Nurhazirah Azmi
Faculty of Applied Sciences, Universiti Teknologi MARA Cawangan Perak, Tapah Campus, Perak, Malaysia



Day 1 (20 August 2024)

BREAKOUT ROOM
Concurrent Session 3

Theme: Consumer Trends and Preferences; Halal Policy

Chairperson: Dr. Mohd Hazim Mohd Yusop
Universiti Malaysia Sabah

- 1400-1415 (Physical oral presentation)
Exploring Consumer 3D-Printed Food Acceptance among Muslim Youth
Mohd Helmi Ali
UKM-Graduate School of Business, Universiti Kebangsaan Malaysia
- T1415-1430 (Physical oral presentation)
Decoding the Key Factors Influencing Muslim Travellers' Choice of Halal Tourism in Borneo
Nadiyah Rus Liyana Rusli
Centre for the Promotion of Knowledge and Language Learning, Universiti Malaysia Sabah, Kampus Antarabangsa Labuan
- 1430-1445 (Physical oral presentation)
Determinants Affecting Malaysian Muslim Consumers to Purchase Foreign Halal Foods: A Study from Stimulus-Organism-Response (SOR)
Nurul Sarah Mohamed Ossman
School of Business and Management, University of Technology Sarawak, Sibu, Sarawak, Malaysia
- 1445-1500 (Physical oral presentation)
Position of Indonesian Halal Products in the Global Market
Sri Herliana
School of Business and Management, Bandung Institute of Technology, Bandung, Indonesia
- 1500-1515 (Physical oral presentation)
Barriers to Adoption of Halal Practice in Indonesian Micro and Small Enterprises
Sri Herliana
School of Business and Management, Bandung Institute of Technology, Bandung, Indonesia
- Break



Day 1 (20 August 2024)

BREAKOUT ROOM
Concurrent Session 4

**Theme: Advanced Technologies, Food Safety and
Quality, Halal Food and Authentication**

Chairperson: Assoc. Prof. Dr. Wolyna Pindi
Universiti Malaysia Sabah

- 1530-1545 (Physical oral presentation)
Non-Thermal Plasma: Revolutionizing the Halal Food Chain
Daryl DeJean
PathogenFocus, LLC, Henderson, North Carolina, United States of America
- 1545-1600 (Physical oral presentation)
Subcritical Water Hydrolysis of Barramundi Collagen: A Green Approach to Liberate Bioactive Peptides for Halal Application
Umi Hartina Mohamad Razali
Faculty of Food Science and Nutrition UMS, Faculty of Chemical and Energy Engineering UTM
- 1600-1615 (Physical oral presentation)
Quantitative Estimation of Porcine DNA Adulteration in Meat-Based Food Products
Nurhayatie Sajali
Centre for Research of Innovation and Sustainable Development, School of Engineering and Technology, University of Technology Sarawak, Sibu, Sarawak, Malaysia
- 1615-1630 (Physical oral presentation)
Protein Marker Identification in Fish Paste Spiked with Chicken Blood Plasma: A Preliminary Mass Spectrometry Study
Siti Aimi Sarah Zainal Abidin
Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia
Malaysia Institute of Transport (MITRANS), Universiti Teknologi MARA, Shah Alam, Malaysia
- 1630-1645 (Physical oral presentation)
Detection of Porcine DNA in Meat using Isothermal Amplification for Halal Forensic
Mohd Hazim Mohd Yusop
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia



Day 1 (20 August 2024)

ONLINE PLATFORM

Concurrent Session 5

Theme: Halal Food Innovation, Halal Food Authentication, Food Safety and Quality

**Chairperson: Dr. Siti Nur Hazwani Oslan
Universiti Malaysia Sabah**

- 1400-1415 (Online oral presentation)
ATR-FTIR with Chemometrics Tools for Classification and Prediction of Hydrogen Peroxides in Liquid milk
Norliza Julmohammad
Food Security Research Laboratory, Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1415-1430 (Online oral presentation)
Development of Pastille from Pomelo Fruit and its Pith
Noorakmar Ab Wahab
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1430-1445 (Online oral presentation)
Comparative Study on Quarantine Period toward Purification Process of Poultry Meats Fed with Pig (*Sus Sp.*) Blood and Liver
Mohd Nazri Abdul Rahman
Nutritional Biochemistry Research Group, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1445-1500 (Online oral presentation)
Enhancing Food Safety and Hygiene in Commercial Kitchens: A Conceptual Framework for AI Integration
Mohammad Halim Jeinie
Faculty of Hotel and Tourism Management, Universiti Teknologi MARA, Kota Kinabalu, Sabah, Malaysia
- 1500-1515 (Online oral presentation)
Analysis Halal Critical Points of Honey Bee Production in PT Kembang Joyo Beekeeping
Agus Susilo
Universitas Brawijaya, Malang, East Java, Indonesia
- 1515-1530 (Online oral presentation)
Development of Cocoa Butter Alternatives from Bambang Seed Fat Stearin and Palm Stearin: Physico-Chemical, Thermal and Morphological Characterization
Norazlina Mohammad Ridhwan
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia



Day 1 (20 August 2024)

**ONLINE PLATFORM
Concurrent Session 6**

Theme: Halal Food Innovation; Consumer Trends and Preferences; Young Investigator Updates

**Chairperson: Dr. Norliza Julmohammad
Universiti Malaysia Sabah**

- 1530-1545 (Online oral presentation)
The Effect of Different Extraction Solvents on Yield and Physicochemical Properties of Pili (*Canarium ovatum*) Nut Oil
Yanty Noorzianna Abdul Manaf
Halal Research Group, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1545-1600 (Online oral presentation)
Trans-Free Shortening from Formulation of Palm Based Fat Mixtures
Yanty Noorzianna Abdul Manaf
Halal Research Group, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1600-1615 (Online oral presentation)
Enhancing Consumer Behaviour Strategy in Purchasing Halal Honey Products: A Comprehensive Analysis
Noor Shodiq Askandar
Islamic University of Malang
- 1615-1630 (Online oral presentation – Postgraduate Student)
Physicochemical Properties of Oil from Pili Nut as a Source of Halal Lipid
Aemelda Nastiyana Anak Adin
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1630-1645 (Online oral presentation - Postgraduate Student)
Characterisation of Avocado Pulp Oil as a Source of Halal Lipid
Aisyah Amini Amin
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1645-1700 (Online oral presentation – Postgraduate Student)
Identification of Bioactive Components and Chemical Properties in the Process of Salting Bitterguard (*Momordica Charantia, L*) to Reduce Bitter Taste
Citra Diah
Culinary and Fashion Education Department, Malang State University, Malang, Indonesia



DAY 2 (21 August 2024)

PLENARY SESSIONS

GRAND BALLROOM

Chairperson: Assoc. Prof. Ts. Dr. Nor Qhairul Izzreen Mohd Noor
Universiti Malaysia Sabah

0900 – 0940

Plenary 3: **Assoc. Prof. Dr. Rohafiz Sabar**
School of Technology Management & Logistics
Universiti Utara Malaysia

Strengthening the Halal Industry by Implementing Sustainable Logistics and Transportation Initiative for Small Medium Enterprises (SMEs)

0945 – 1025

Plenary 4: **Prof. Dr. Mohamed Battour (Online session)**
College of Business Administration, A'Sharqiyah University (ASU), Oman

The Pivotal Role of Artificial Intelligence in Shaping the Future of Halal Travel

1025 – 1040

Coffee Break

1045 – 1125

Plenary 5: **Prof. Dr. Abdul Rohman (Online session)**
Centre of Excellence, Institute of Halal Industry and Systems (IHIS), and Faculty of Pharmacy, Universitas Gadjah Mada, Indonesia

Recent Updates on Analysis of Porcine Gelatin in Food and Pharmaceutical Products for Halal Authentication

1130 – 1245

Concurrent Session 7 & 9
Please refer to the scientific schedule

PLENARY SESSION

Chairperson: Dr. Norliyana Aris
Universiti Malaysia Sabah

1400 – 1440

Plenary 6: **Prof. Dr. Hj. Mohd Dahlan Hj. Abdul Malek**
Faculty of Islamic Studies, Universiti Malaysia Sabah

Halal Food and Psychology: A Comprehensive Overview from a Malaysian Perspective

1445 – 1545

Concurrent Session 8 & 10
Please refer to the scientific schedule

1545 – 1600

Break

1600 – 1630

Closing Ceremony [Grand Ballroom]



Day 2 (21 August 2024)

GRAND BALLROOM

Concurrent Session 7

**Theme: Halal Science and Authentication; Halal Logistic
and Management**

**Chairperson: Dr. Norliyana Aris
Universiti Malaysia Sabah**

- 1130-1145 (Physical oral presentation)
The Effects of Gas Stunning on Blood Loss and Meat Quality of Chicken
Norshahida Abu Samah
Universiti Malaysia Kelantan
- 1145-1200 (Physical oral presentation)
Halal Research in Brunei Darussalam: A Review and Way Forward
Mohamed Syazwan Ab Talib
Universiti Brunei Darussalam
- 1200-1215 (Physical oral presentation)
The Tapestry of Halal-related Projects in IIUM - The Funding and its Outputs
Yumi Zuhanis Has-Yun Hashim
International Institute for Halal Research and Training (INHART), IIUM
- Lunch Break



Day 2 (21 August 2024)

GRAND BALLROOM
Concurrent Session 8

**Theme: Halal Science and Authentication; Young
Investigator Updates**

Chairperson: Dr. Ramlah George @ Mohd Rosli
Universiti Malaysia Sabah

- 1445-1500 The Effect of Temperature and Length of Storage on Ethanol Content in Tuak Manis Lombok as Traditional Beverage of West Nusa Tenggara
Abdul Rahem
*Halal Center, Universitas Airlangga;
Department of Pharmaceutical Practices, Faculty of Pharmacy, Universitas Airlangga*
- 1500-1515 (Physical oral presentation – Postgraduate Student)
A Glimpse of Halal Positions in Australia's Food Industry. A Prospective Opportunity for Malaysian Talents
Amarul Arief Mohd Shuhaimi
Faculty of Food Science and Technology, Universiti Putra Malaysia, Serdang, Selangor, Malaysia
- 1515-1530 (Physical oral presentation – Postgraduate Student)
Synergistic Integration of Virtual Screening Tools for Selection of Potential Chemical Probes in Halal Meat Authentication
Mohd Nurhadi Hamsar
Halal Products Research Institute, Universiti Putra Malaysia, Serdang, Malaysia

Break



Day 2 (21 August 2024)

ONLINE PLATFORM
Concurrent Session 9

Theme: Consumer Trends and Preferences; Young Investigator Updates

Chairperson: Ts. Dr. Rovina Kobun
Universiti Malaysia Sabah

- 1130-1145 (Online oral presentation – Postgraduate Student)
Exploring Theoretical Frameworks for Halal Supply Chain Management in Broiler Chicken Production: A Systematic Literature Review
Puji Akhiroh
Universitas Brawijaya, Malang, East Java, Indonesia
- 1145-1200 (Online oral presentation – Postgraduate Student)
AI-Assisted Decision Making for Halal Professional Training Coaches Selection and Accreditation
Rodziah Binti Atan
Department of Syariah and Law, Academy of Islamic Studies, Universiti Malaya, Kuala Lumpur, Malaysia.
- 1200-1215 (Online oral presentation – Postgraduate Student)
Assessment of Good Manufacturing Practices (GMPS) Approach to Ensure the Safety in Honey Production: A Case Study
Fiqih Sholina Nastain
Faculty of Animal Science, Brawijaya University, Malang, Indonesia
- 1215-1230 (Online oral presentation – Postgraduate Student)
The Use of Animal Gelatine in Medical Adhesives: A Literature Analysis
Al 'Uyuna Mohd Amin
Fakulti Syariah dan Undang-Undang, Universiti Sains Islam Malaysia, Negeri Sembilan, Malaysia
- 1230-1245 (Online oral presentation)
The Influence of Halal Knowledge and Attitude towards Purchase Intention of Halal Food Products
Ahmad Riduan Bahauddin
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia



Day 2 (21 August 2024)

BREAKOUT ROOM
Concurrent Session 10

Theme: Young Investigator Updates

Chairperson: Ts. Dr. Fan Hui Yin
Universiti Malaysia Sabah

- 1445-1500 (Physical oral presentation – Postgraduate Student)
Physicochemical and Functional Properties of Optimized Enzymatic Treatment of Avocado Juice
Hasdarahayu Mohd Hassan
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1500-1515 (Physical oral presentation – Postgraduate Student)
Effects of Various Ultrasound Treatment Methods on Hydrolysate Yield and Protein Recovery from Mushroom Extracts using Enzymatic-Assisted Extraction
Hilary Kwesi Ketemepi
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia
- 1515-1530 (Physical oral presentation – Postgraduate Student)
Supercritical Carbon Dioxide Extraction of Ginger (*Zingiber Officinale*): A Mini Review
Sarah Aisyah Khurun Hizar
Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia.

Break



SCIENTIFIC POSTER

Theme: Halal Food Innovation, Consumer Trends and Preferences, Nutrition and Health

(Online poster presentation)

Effects of Plant Protein Combinations on the Physical Quality of Plant-Based Ice Cream Analyzed using Mixture Design Methodology

Raja Aisha Marlisa Binti Raja Badlishah; Nur Syima Aqilah Binti Suhailay;

Nur Aliaa Binti Abd Rahman

Department of Process and Food Engineering, Faculty of Engineering, Universiti Putra Malaysia, UPM Serdang, Selangor, Malaysia

(Online poster presentation)

Effects of Wall Materials on the Physicochemical Properties and Morphology of Powders from Zinc-Amaranth (*Amaranthus Viridis*) Juice

Siti Faridah Mohd Amin

Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia

(Online poster presentation)

Glycaemic Response of Mixed-meals with Various Portions of Green Mustard Leaves (*Sawi*) and their Effects on Hunger and Satiety

Ramlah George

Nutrition Programme, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia

(Online poster presentation)

Resistant Starch and Glycemic Index of Sabah's Black and Red Rice: Implications for Diabetes Management

Noor Atiqah Aizan Abdul Kadir

Nutrition Programme, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia



SCIENTIFIC POSTER

Theme: Halal Food Innovation, Consumer Trends and Preferences, Nutrition and Health

(Online poster presentation)

Factors Influencing the Consumption of Boba Drinks Among Adults in Kota Kinabalu

Norliyana Aris

Nutrition Programme, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia

(Online poster presentation – Postgraduate Student)

Preliminary Finding: Cross-sectional Study of Diabetes Knowledge, Attitude and Selected Blood Parameters Among Overweight Diabetics

Aniss Amira Anuar

Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia

(Physical poster presentation – Postgraduate Student)

Halal Transglutaminase Authentication: Determining Blood and Microbial Sources using Liquid Chromatography-Mass Spectrometry Approach

Nurul Najwa Asip

Halal Products Research Institute, Putra Infoport, Universti Putra Malaysia, Selangor, Malaysia

(Physical poster presentation – Postgraduate Student)

Extraction of Lipids from Microalgae: Challenges and Future Perspectives

Jia Jia

Faculty of Food Science and Nutrition, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia



DAY 3 (22 August 2024)

INTERNATIONAL HALAL SYMPOSIUM 2024

Date : 22nd August 2024
Time : 8.00 am

Registration and gathering location will be at The Magellan Sutera Resort, Kota Kinabalu, Sabah

**The excursion fee can be paid during IHS 2024.*

- 8.00 am** : Registration at The Magellan Sutera Resort lobby
- 8.35 am** : Excursion to Universiti Malaysia Sabah [UMS]
- 9.45 am** : Arrival at *Mari Mari* Cultural and briefing by the tour guide
- 10.00 am** : Tour begins
Visit to 5 Traditional houses of ethnic group in Sabah & demo activities
- Dusun Traditional House
 - Rungus Traditional House
 - Lundayeh Traditional House
 - Bajau Traditional House
 - Murut Traditional House
- 11.30 am** : Cultural Performance Show
- 12.00 pm** : Lunch at *Mari Mari* Cultural Village
- 1.00 pm** : Tour Ends



International Halal Symposium



UMS

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FAKULTI SAINS MAKANAN DAN PEMAKANAN
UNIVERSITI MALAYSIA SABAH



PUSAT PERKHIDMATAN DAN PENYELIDIKAN HALAL
HALAL SERVICE AND RESEARCH CENTRE
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