

Headline	Special honours at expo		
MediaTitle	The Star		
Date	19 Sep 2023	Color	Full Color
Section	StarSpecial	Circulation	175,986
Page No	10	Readership	527,958
Language	English	ArticleSize	524 cm <sup>2</sup>
Journalist	N/A	AdValue	RM 26,371
Frequency	Daily	PR Value	RM 79,113



MANAGEMENT and Science University (MSU) is dedicated to innovation and invention. The university firmly believes research can impact policies, transform organisations and improve the quality of life for people worldwide. By aligning research with the United Nations Sustainable Development Goals (SDGs), MSU can address the most pressing challenges facing communities and the planet. Through cross-disciplinary collaborations, MSU researchers are tackling

# Special honours at expo

global concerns.

Innovators, researchers and experts committed to establishing a healthier future by strengthening the healthcare and life sciences frontiers convened at the Malaysia Technology Expo (MTE) 2023 Advanced

Healthcare and Life Sciences International Innovation Awards & Expo (AHLS).

MSU researchers achieved remarkable success at the MTE 2023 AHLS, securing a total of 14 awards: two special awards, six golds, five silvers and one bronze. They did so with a total of 12 entries. The research areas primarily focused on the SDGs including No Poverty (1), Good Health and Well-Being (3), Quality Education (4), Affordable and Clean Energy (7), Industry, Innovation and Infrastructure (9), Reduced Inequalities (10), Sustainable Cities and Communities (11), Responsible Consumption (12), and Climate Action (13).

Researchers came from the Faculty of Health and Life Sciences (FHLS), School of Pharmacy (SPH), School of Graduate Studies (SGS), Faculty of Information and Science Engineering (FISE), School of Education and Social Sciences (SESS), Centre for Fundamental Studies (CFS), Centres of Excellence (CoE) – MSU iCARE, and MSU Medical Centre (MSUMC).

In addition, various industry and institution partners, including Universiti Teknologi Brunei (UTB), Universitas Airlangga (UNAIR), Universiti Putra Malaysia (UPM), Ganofarm Sdn Bhd, Institute for Medical Research (IMR), Forest Research Institute Malaysia (FRIM), Universiti Teknologi Mara (UITM), Universiti Kebangsaan Malaysia (UKM), Universiti Sains Malaysia (USM), Curtin University Malaysia, Curtin Biovalley Sdn Bhd, Ganofarm Sdn Bhd, Institute for Medical Research (IMR), Forest Research Institute Malaysia (FRIM) and the Standard and Industrial Research Institute of Malaysia (SIRIM) were involved. On top of that, MSU postgraduate students pursuing a Master in Science (by Research) Biomedicine (MBM) and undergraduates studying for a Bachelor of Pharmacy (Hons) (BPH) and a Bachelor of Biomedical Science (Hons) (BBM) also participated in this endeavour.

The team, led by Fairuz Mohd Nordin (FHLS), received two special awards from the International Society for Pharmaceutical Engineering (ISPE) and the Macau Invention Association (MIA), as well as a gold award for their research work on the Module of Eye Health Screening and Assessment (MESrA) – Vision Screening Module for Non Eye Care Practitioner to assist Prevention of Blindness.

The team members included Assoc Prof Dr Mohd Zaki Awang Isa (CoE-iCare), Dr Azlindarita @ Aishah Mohd Abdullah (MSUMC), Malliaty Mohammad (CFS), Jasmina Annie George (SESS) and Asmaa' Najihah Mohd Nazri (MBM). They developed a training module for teachers and educated communities in rural areas to facilitate vision screening for underserved children and promote early prevention and intervention for visual impairment.

Five other golds went to FHLS, FISE, and SGS research projects. The projects are:

- MSU Assessment Chart for Children with Special Needs, led by Assoc Prof Dr Mohd Zaki Awang Isa (CoE-iCARE) with team members Fairuz Mohd Nordin (FHLS), Kevin Loo Teow Aik (FISE) and Mohamad Khamal Haqqim (MBM);

- Avena S Cream for The Treatment of Psoriasis, Eczematous and Dry Skin, led by Saeid Mezail Mawazi (SPH) with team members Mohammed Kaleemullaju (SPH) and Tong Jo Ann (BPH);

- DiRetina: Smartphone Fundus Imaging for Intelligent Detection of Eye Diseases (Diabetic Retinopathy), led by Assoc Prof Dr Muhammad Irsyad Abdullah (FISE) with team members Assoc Prof Dr Mohd Zaki Awang Isa (CoE-iCARE); Assoc Prof Ts Dr Safaa Najah Saud Al-Humairi (FISE); Kevin Loo Teow Aik (FISE); senior assistant Prof Dr Lim Tiong Hoo (UTB); Rimuljo Hendrardi (UNAIR); and Muhammad Fikhril Abdul Aziz (FISE);

- Synergistic Effect of Ganoderma Lucidum And Clitoria Ternatea Extract on Improvement of Psoriasis Using Rat Model, led by Dr Mahathir Mohd Uzd (SGS) with team members Muhammad Danial Che Ramli (FHLS), Anita Zara Weinheimer (FHLS), Dr Poh (Ganofarm) and Nurul Ashikin Razali, a BBM student; and

- Liberia Coffee Peel Yoghurt Drink for Hypercholesterolaemia Reduction, led by Dr Azrina Zainal Abidin (FHLS) with team members Dr Santhra Segaran Balan (FHLS), Assoc Prof Dr Hasnah Bahri (UPM), Nor Elianis Nor Khairani (BBM) and Nor Azeera Mohd Ali (FHLS).

MSU is proud to recommend the degree of Doctor of Philosophy (PhD) and Master programmes that emphasise and recognise innovative research, scientific knowledge and industrial application at both domestic and international platforms.

A PhD is the highest degree awarded by MSU. It signifies the pinnacle of academic and professional standing. Doctoral training involves close working relationships with leading faculty members on projects of key interest; industrial and scientific focus.

With advanced facilities and technical support, MSU provides an excellent academic climate for postgraduate engagements with faculty members. MSU faculty members are highly active in top-level research, with leading projects in a wide range of areas and interests, requiring innovative approaches that push the boundaries of interdisciplinary research.

The postgraduate studies at MSU through SGS offers advanced degrees at MSc and PhD levels covering wide areas including Computer Science, Information and Communication Technology, Food Service Technology, Biomedicine, Engineering, Applied Science, Health Sciences, Biomedical Sciences, Information Technology, Clinical Pharmacy, Pharmacy, Design, Medical Physiology, Public Health and Anatomy.

MSU president Prof Tan Sri Dr Mohd Shukri Abd Yajid (centre) with a team of MSU's researchers.

