



MALAYSIAN SOCIETY
OF PHARMACOLOGY
AND PHYSIOLOGY
(MSPP)



UPNM
National Defence University of Malaysia
Kewajipan • Maruah • Integriti



Advances in Research & Clinical
Medicine of Today
Symposium 2026

MSPP-ARMY 2026

39th Annual Scientific Meeting
**Malaysian Society of Pharmacology
& Physiology (MSPP)**

In Conjunction With
**The 1st Advances in Research & Clinical
Medicine of Today (ARMY)**

2-3 September 2026
Bangi Resort Hotel, Selangor

ABOUT THE CONFERENCE

The 39th Annual Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP 2026) is a two-day scientific meeting dedicated to advancing research in pharmacology and physiology with translational relevance. Hosted by Universiti Pertahanan Nasional Malaysia (UPNM), the meeting continues MSPP's role as a national forum for academic exchange in these disciplines.



CPD points

Malaysian Pharmacist Society (MPS)

Pre-conference: 6 Points

Conference: :14 Points

Malaysian Medical Association (MMA)

Pre-conference: 8 points

Conference: CPD points are under review.

This year's meeting will be held in conjunction with the 1st Advances in Research and Clinical Medicine of Today (ARMY) Symposium. The joint meeting reflects a shared commitment to strengthening connections between basic science, clinical practice, and current healthcare challenges.

IMPORTANT DATES

15 February 2026

Registration Opens

15 June 2026

Closing of Abstract Submission

15 July 2026

Abstract Acceptance Notification

15 August 2026

Closing of Registration

**Register Now,
Submit Later!**



Don't wait for your final results to secure your seat. Register today to lock in early bird rates and upload your abstract [here](#) anytime before **15th June 2026**

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RESEARCH THEME

“BRIDGING LIFE'S MECHANICS & THERAPEUTICS FOR HEALTH SECURITY & RESILIENCE”

Biosecurity for Health Resilience

Key Topics:

- Surveillance
- Rapid Response
- One Health
- Infrastructure Readiness
- Crisis Governance
- Policy Ethic
- Military Medicine
- Vaccinology



Human Health in Diverse Environments

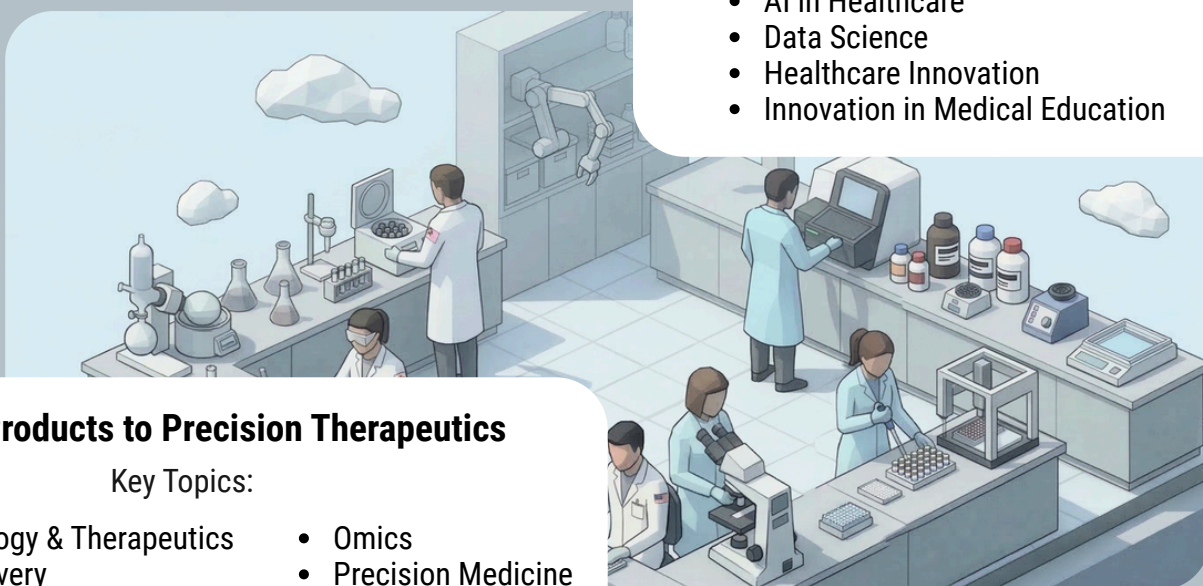
Key Topics:

- Anatomy & Physiology
- Adaptation in Extreme Environments
- Molecular Medicine
- Clinical Medicine
- Psychology
- Emergency Medicine
- Sports Medicine
- Rehabilitation

AI-driven Healthcare Innovation

Key Topics:

- Bioinformatics
- Digital Health & Therapeutics
- AI in Healthcare
- Data Science
- Healthcare Innovation
- Innovation in Medical Education



Natural Products to Precision Therapeutics

Key Topics:

- Pharmacology & Therapeutics
- Drug Discovery
- Natural Products
- Omics
- Precision Medicine
- Toxicology

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BERSAMA SAMA MELAKSANAKAN TRANSFORMASI

OUR ESTEEMED SPEAKERS

KEYNOTE



Lt Gen Dato' (Dr) Zulkeffeli bin Mat Jusoh
Director General of Health Services,
Malaysian Armed Forces

PLENARIES



Dr. Maheshwara Rao Appanan
Director, Digital Health Division,
Ministry of Health Malaysia



Colonel (Dr) Zulkefley bin Mohammad
Head of Aerophysiology Department,
RMAF Institute of Aviation Medicine



Dr. Ami Fazlin Syed Mohamed
Director of Institute for Medical
Research (IMR), National
Institutes of Health (NIH)



**Brig Gen Prof. Datuk Dr. Mohd
Arshil bin Moideen (Rtd)**
Head of the Jeffrey Cheah School
of Medicine and Health Sciences,
Monash University Malaysia



**Lt Col Prof. Dr. Victor Feizal bin
Knight @ Abd Shatar (Rtd)**
Senior Director of Sultan Ibrahim
Centre of Excellence (PaKSI),
National Defence University of
Malaysia (UPNM)

OUR ESTEEMED SPEAKERS

SYMPOSIUM SPEAKERS



**Prof. Dr. Mohd Cairul
Iqbal Mohd Amin**
Universiti Kebangsaan
Malaysia (UKM)



**Prof. Dr. Shaik Farid
Abdull Wahab**
Universiti Sultan
Zainal Abidin



**Prof. Dr. Mohd
Zulfaezal Che Azemin**
Universiti Islam
Antarabangsa (UIA)



Prof. Dr. Teh Lay Kek
Universiti Teknologi
MARA (UiTM)



**Prof. Dr. Norsham
Juliana Nordin**
Universiti Sains Islam
Malaysia (USIM)



**Assoc. Prof. Dr. Wan Amir
Nizam Wan Ahmad**
Universiti Sains Malaysia
(USM)



**Assoc. Prof. Dr.
Zulkarnain Jaafar**
Universiti Malaya (UM)



**Assoc. Prof. Dr.
Fazren Azmi**
Universiti Kebangsaan
Malaysia (UKM)



**Assoc. Prof. Dr. Malina
Osman**
Universiti Putra
Malaysia (UPM)



**Assoc. Prof. Dr. Jason
Loo Siau Ee**
Taylor's University



**Dr. Badrul Hisham
Abd. Samad**
Universiti Pertahanan
Nasional Malaysia
(UPNM)



Dr. Sarbhan Singh
Institute of Medical
Research (IMR), NIH

PRE-CONFERENCE SPEAKERS



Dr. Nur Aishah Che Roos
Universiti Pertahanan Nasional
Malaysia (UPNM)



**Assoc. Prof. Dr. Wan Amir
Nizam Wan Ahmad**
Universiti Sains Malaysia (USM)

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PRE-CONFERENCE WORKSHOP

Tuesday, 1st September 2026

Time	SESSION DETAILS
PRE-CONFERENCE WORKSHOP 1 Mastering Quantitative Statistical Analysis Assoc. Prof. Dr Wan Amir Nizam Wan Ahmad	
0830 - 0900	Registration
0900 - 0930	Basic Statistics
0930 - 1030	Data Entry & Normality Test
1030 - 1045	Break / Q&A
1045 - 1200	Univariate Numerical Tests
1200	End of Pre-Conference Workshop 1
PRE-CONFERENCE WORKSHOP 2 The PRISMA-P framework: Developing A Systematic Review Protocol for Beginners Dr. Nur Aishah Che Roos	
1330 - 1400	Registration
1400 - 1445	Foundations and the Review Questions
1445 - 1545	Defining the Scope and Search (The PICO Framework)
1545 - 1600	Break / Q&A
1600 - 1630	Data Management & Quality Assessment
1630 - 1700	Synthesis & Wrap Up

Secure your spot now!



PRE-CONFERENCE

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MAIN CONFERENCE: DAY 1

Wednesday, 2nd September 2026

Time	SESSION DETAILS
0800 - 0830	Registration
0830 - 0915	KEYNOTE ADDRESS Bridging Life's Mechanics and Therapeutics for Health Security and Resilience Lt Gen Dato' (Dr) Zulkeffeli bin Mat Jusoh Director General of Health Services, Malaysian Armed Forces
0915 - 1000	Opening Ceremony
1000 - 1030	Tea Break & Poster Viewing
1030 - 1115	PLENARY 1: AI DRIVEN HEALTHCARE INNOVATION Transforming Patient Care: How AI and Data Science are Shaping the Future of Clinical Decisions and National Health Dr. Maheshwara Rao Appanan Director, Digital Health Division, Ministry of Health Malaysia
1115 - 1200	PLENARY 2: HUMAN HEALTH IN DIVERSE ENVIRONMENTS Physiology of Flight: Adaptation and Resilience of Military Pilots in Hypobaric and High-G Environments Col (Dr) Zulkefley bin Mohammad, Head of Aerophysiology Dept, RMAF Institute of Aviation Medicine
1200 - 1230	Poster Presentation

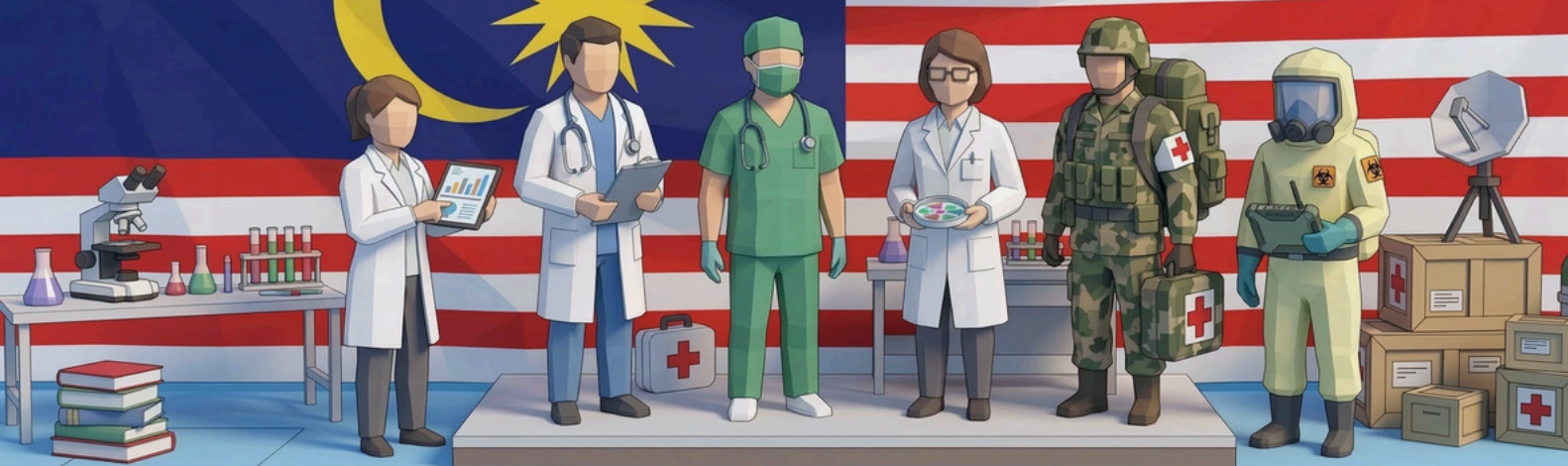
1230 – 1400	Break & Poster Viewing	
1400 - 1530	SYMPOSIUM 1: AI DRIVEN HEALTHCARE INNOVATION	SYMPOSIUM 2: HUMAN HEALTH IN DIVERSE ENVIRONMENTS
	Accelerating the Pipeline: How AI is Transforming Drug Discovery Assoc. Prof. Dr. Jason Loo Siau Ee (Taylor’s University)	Beyond the Clock: Advancing Chronophysiology Towards Personalised Healthcare Prof. Dr. Norsham Juliana Nordin (USIM)
	AI-Driven Early Warning Systems for Infectious Disease Surveillance and Forecasting Dr. Sarbhan Singh (IMR)	The Neurobiology of Adaptation: Pharmacological and Physiological Strategies for Extreme Stress Prof. Dr. Shaik Farid Abdull Wahab (Unisza)
	Clinician-centric Computational Tools: Transforming Biomedical Data into High- Precision Diagnostics Prof. Dr. Mohd Zulfaezal Che Azemin (UIAM)	Optimisation of Human Performance in Tropical Climates: Physiological Adaptations and Evidence- Based Strategies for Peak Performance Assoc. Prof. Dr. Zulkarnain Jaafar (UM)
1530 - 1630	FREE PAPER SESSION 1: <i>Concurrent session</i>	
1630 - 1730	MSPPP AGM	

MAIN CONFERENCE: DAY 2

Thursday, 3rd September 2026

TIME	SESSION DETAILS
0800 - 0830	Registration
0830 - 0915	PLENARY 3: NATURAL PRODUCTS TO PRECISION THERAPEUTICS Pharmacology as the Engine of Precision Therapeutics for Biodiversity Dr. Ami Fazlin Syed Mohamed Director of Institute for Medical Research (IMR), National Institutes of Health (NIH)
0915 - 1000	PLENARY 4: BIOSECURITY FOR HEALTH RESILIENCE Precision Medicine - The Future of Preventive, Curative and Rehabilitative Medicine Brig Gen Prof Datuk Dr. Mohd Arshil bin Moideen (Rtd) Head of the Jeffrey Cheah School of Medicine and Health Sciences, Monash University Malaysia
1000 - 1030	Tea Break & Poster Viewing
1030 - 1130	FREE PAPER SESSION 2: Concurrent session
1130 - 1230	MSPP'S YOUNG INVESTIGATOR AWARD
1230 - 1400	Break & Poster Presentation

	SYMPOSIUM 3: NATURAL PRODUCTS TO PRECISION THERAPEUTICS	SYMPOSIUM 4: BIOSECURITY FOR HEALTH RESILIENCE
1400 – 1530	Decoding Life’s Mechanics: Vascular Resilience and Natural Bioactives Assoc. Prof. Dr. Wan Amir Nizam Wan Ahmad (USM - MSPP President)	Navigating Basic Epidemiology Principles and Its Relevance in Current AI Technologies, Global Lab Networks and Big Data Analysis for Future Pandemics Prevention Assoc. Prof. Dr. Malina Osman (UPM)
	Genomic Medicine for Health System Resilience: Precision Diagnostics and Pharmacogenomics in Clinical Practice Prof. Teh Lay Kek (UiTM)	Emerging Risks to Biosecurity Dr. Badrul Hisham Abd Samad (UPNM)
	Dual-Targeted Inhalable Immunoliposomes for Precision Pulmonary Therapy Against SARS-COV-2 Prof. Dr. Mohd Cairul Iqbal Mohd Amin (UKM)	Beyond One-Size-Fits-All: Towards Personalised Breast Cancer Vaccines via Biomimetic Cancer Cell Membrane Nanotechnology Assoc. Prof. Dr. Fazren bin Azmi (UKM)
1530 – 1615	PLENARY 5: Bridging Health Concerns and Biotherapeutics Towards National Health Security Lt Col Prof. Dr. Victor Feizal bin Knight @ Abd Shatar (Rtd), Senior Director of Sultan Ibrahim Centre of Excellence (PaKSI) National Defence University of Malaysia (UPNM)	
1615 – 1630	Closing Ceremony	



REGISTRATION RATE

PRE-CONFERENCE WORKSHOP

PRE-CONFERENCE WORKSHOP	
1 Session	RM 120 USD 40
2 Sessions	RM 200 USD 60

MAIN CONFERENCE

CATEGORY	EARLY BIRD (Till 31 May 2026)	NORMAL RATE
LOCAL		
Professional	RM 800	RM 850
Student	RM 700	RM 750
MSPP/UPNM	RM 750	RM 800
INTERNATIONAL		
Professional	USD 300	USD 350
Student	USD 200	USD 250

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Click [HERE](#) or scan the **QR codes** for registration:



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PRE-CONFERENCE

Submit your abstract here



ABSTRACT

Accepted abstracts will be published in the MSPP-ARMY 2026 Abstract Book in collaboration with Medicine & Health (Web of Science-indexed).

Selected abstracts may be invited for full manuscript submission to the MSPP-ARMY 2026 Supplementary Issue (2027) in the Malaysian Journal of Medicine & Health Sciences (MJMHS) (Scopus/Mycite-indexed), subject to peer review. Publication fees may apply.

For detailed registration and abstract submission guidelines, please visit our official website: mssparmacy2026.my.



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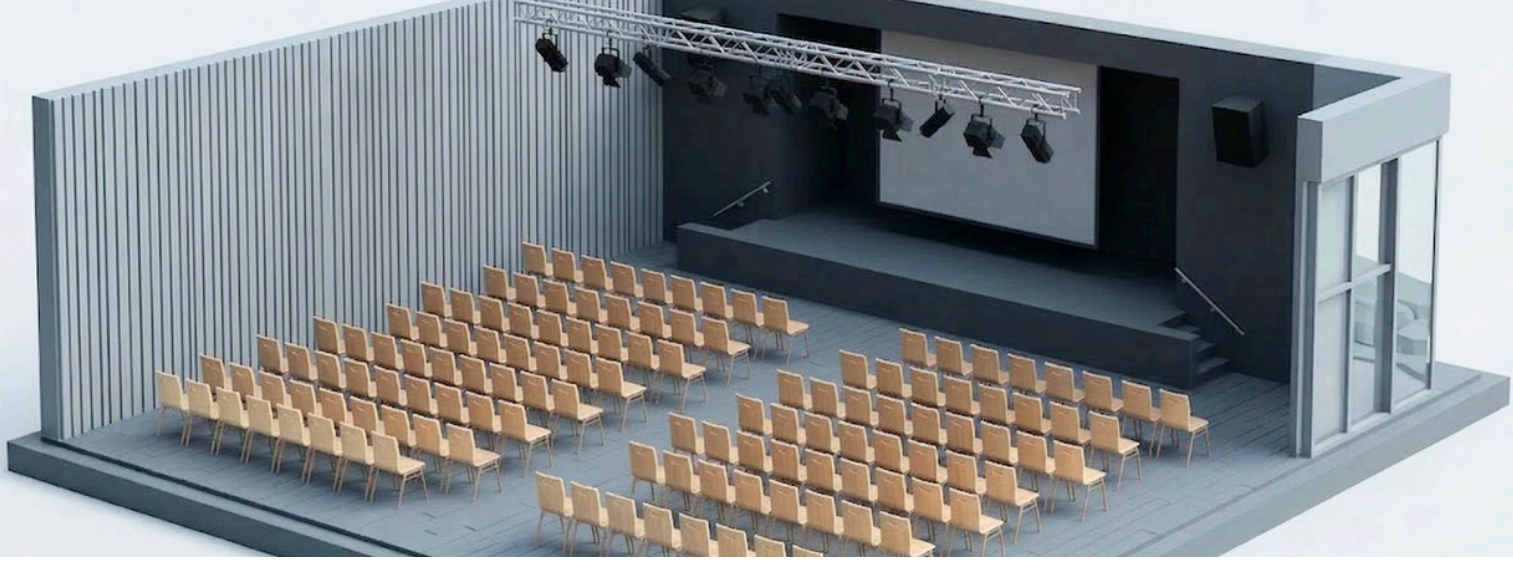
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CONFERENCE VENUE



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