

GENERAL INFORMATION

2nd International Herbal
Medicine Conference

August 11st – 12nd, 2026

IHMC

INTERNATIONAL HERBAL MEDICINE CONFERENCE

“Addressing Pain Healing Through
Intelligent Herbal Medicine :
Bridging Tradition & Technology”

Organized by :



FACULTY OF MEDICINE
UNIVERSITY OF MUHAMMADIYAH
PURWOKERTO

2026

Content

- 02 Prolog
- 03 Background
- 04 Objectives
- 05 Themes and SubThemes
- 06 Expected Outcome
- 07 Participant
- 08 09 Rundown
- 10 Time And Venue
- 11 Closing



“Addressing Pain Healing Through Intelligent Herbal Medicine : Bridging Tradition & Technology”

Prolog

Located in the heart of Central Java, Indonesia, Purwokerto is a vibrant city known for its lush natural beauty, rich cultural heritage, and rapidly growing academic environment. As the gateway to the Baturraden tourism area, the city offers stunning landscapes that attract tourists, academics, and researchers alike.

Purwokerto is also recognized for its strong commitment to education and innovation, making it an ideal place for intellectual and professional development. With a deep-rooted heritage in herbal medicine, the city seamlessly integrates local wisdom with modern scientific advancements, contributing to the development of healthcare services and sustainable medical practices.

IHMC
INTERNATIONAL HERBAL MEDICINE CONFERENCE



Background

Herbal medicine has long been an integral part of healthcare systems across the world, particularly in countries rich in biodiversity such as Indonesia. Traditional knowledge, passed down through generations, offers valuable insights into the therapeutic potential of natural resources. However, in the modern era, the integration of herbal medicine into global healthcare systems requires scientific validation, technological innovation, and regulatory assurance.

Advancements in artificial intelligence, biotechnology, and data science have opened new opportunities to transform traditional herbal practices into evidence-based, safe, and standardized medical solutions. At the same time, global health challenges—ranging from chronic diseases to emerging infections—demand sustainable and culturally acceptable healthcare approaches.

Therefore, this international conference aims to bridge the gap between tradition and modern science by promoting intelligent herbal medicine that is secure, standardized, and sustainable, while building trust among healthcare providers, researchers, policymakers, and the public.



Objectives



01.

General Objective

To explore and promote the role of intelligent herbal medicine in transforming global healthcare systems through scientific innovation, safety assurance, and sustainable practices.

02.

Specific Objectives

- To enhance understanding of the integration between traditional herbal knowledge and modern medical science
- To discuss advancements in artificial intelligence and technology in herbal medicine research
- To promote standardization, safety, and quality control of herbal products
- To explore sustainable utilization of medicinal plants and biodiversity conservation
- To strengthen collaboration among international researchers, clinicians, and policymakers

Theme and Sub-Themes

Main Theme

"Addressing Pain Healing Through Intelligent Herbal Medicine : Bridging Tradition & Technology"

Keynote

Prof. Jebul Suroso

REKTOR OF UMP

From Local Wisdom to Global Impact: Indonesian Herbal Medicine by UMP

Prof. Brian Yulianto*

MINISTER OF EDUCATION, SCIENCE AND TECHNOLOGY INDONESIA

Driving Innovation in Herbal Medicine: Government Support and Strategic Development in Indonesia

Sub-Themes

1. Rethinking Pain: Where Traditional Herbal Wisdom Meets Modern Medicine

This topic examines how pain is conceptualized in both contemporary biological frameworks and traditional herbal systems. It emphasizes how incorporating different viewpoints might improve pain assessment and result in comprehensive treatment plans.

2. Emerging Computational Strategies in Herbal Bioactive Discovery for Pain Therapeutics

This topic explores the application of in silico informatics and molecular modelling in the discovery of herbal bioactive compounds for pain therapeutics. It highlights the use of predictive computational tools to identify potential therapeutic targets and optimize bioactive compounds. The session also introduces the future integration of artificial intelligence in accelerating herbal drug discovery, and supporting precision pain management strategies.

3. Computational Phytotherapy: AI-Driven Optimization of Herbal Formulations for Precision Pain Management

This topic explores the use of artificial intelligence to optimize herbal formulations for individualized pain relief. It demonstrates how data-driven strategies can boost effectiveness, anticipate synergistic effects, and spur innovation in herbal remedies.

Sub-Themes

4.. Reevaluating Herbal Pain Therapy's Dosage and Standardization

This session addresses critical challenges in ensuring the safety, quality, and consistency of herbal medicines. It focuses on dosage optimization, standardization protocols, and the integration of scientific validation to support reliable pain management solutions

5. Integrative Analgesia: Clinical Evaluation of Collaborative Complementary-Conventional Care Models

This topic evaluates multidisciplinary methods that integrate traditional and herbal medicine. It highlights the potential of integrative medicine to enhance pain management results, collaborative care approaches, and clinical benefits.

6. Innovation with Integrity: Managing Ethics and Regulation in Herbal Medicine Driven by Technology.

The concluding session discusses the regulatory landscape and ethical dimensions surrounding the development of technology-enabled herbal products. It emphasizes responsible innovation, patient safety, data governance, and global regulatory harmonization

7.Strengthening Indonesia's Herbal Industry: Innovation, Commercialization, and Global Competitiveness

This topic explores the strategic development of Indonesia's herbal industry through scientific innovation, product commercialization, and international market expansion. It highlights the importance of research, technology, quality standardization, and collaboration between academia, healthcare institutions, government, and industry to enhance the global competitiveness of Indonesian herbal products while preserving local wisdom and biodiversity.

Expected Outcomes



- Strengthened scientific discourse on herbal medicine at the international level
- Increased collaboration between academic institutions, healthcare providers, and industry
- Development of research ideas and innovation in herbal medicine
- Publication of selected papers in indexed proceedings/journals
- Improved awareness of safe and evidence-based use of herbal medicine



Participant

The conference is intended for:

- Medical doctors and healthcare professionals
- Researchers and academicians
- Students (medical, pharmacy, health sciences)
- Policymakers and government representatives
- Herbal medicine practitioners and industry stakeholders




Activities

- Keynote speeches by international experts
- Plenary sessions
- Parallel scientific sessions
- Poster presentations
- Herbal workshops
- **Herbal Medicine Garden Tour (tentative)**

Rundown





















DAY 1 – Pre Conference

Workshop and Oral Presentation

Time	Session	Description
08:00 – 08:30	Registration	Participant check-in & preparation
08:30 – 08:45	Opening Session	Welcome remarks & workshop overview
08:45 – 10:00	 Session 1	AI Assisted Molecular Docking & Drug Discovery
10:00 – 10:15	Coffee Break	Refreshment
10:15 – 11:30	 Session 2 (Hands-on)	Molecular Docking Practice \n- Software introduction \n- Docking simulation using herbal compounds \n- Basic result interpretation
11:30 – 13:00	Break / Lunch	Rest & networking
13.00 - 17.00	 Poster Presentation Session	Participant presentations (research / mini project) \n- Evaluation by judges \n- Interactive discussion

Rundown

DAY 2 - Conference

Time	Session	Title / Description	Speaker
07.00 – 08.00	 Registration	Participant Registration & Networking	Committee
08.00 – 08.40	 Opening Ceremony	Tilawah, Indonesia National Anthem, Remarks by Dean & Rector	Organizing Committee
08.40 – 09.00	 Keynote 1	“From Local Wisdom to Global Impact: Indonesian Herbal Medicine by UMP”	Rector of UMP
09.00 – 09.20	 Keynote 2	“Driving Innovation in Herbal Medicine: Government Support and Strategic Development in Indonesia”	Minister of Education, Science and Technology Indonesia
09.20 – 09.40	 Invited Speaker 1	“Rethinking Pain: Where Traditional Herbal Wisdom Meets Modern Medicine”	Prof. Hiroko Sato \nGunma University, Japan 🇯🇵
09.40 – 10.00	 Invited Speaker 2	“Emerging Computational Strategies in Herbal Bioactive Discovery for Pain Therapeutics”	Assoc. Prof. Dr. Noraziah Nordin \nUniversiti Sains Islam Malaysia 🇲🇾
10.00 – 10.20	 Coffee Break	Networking & Refreshment	—
10.20 – 10.40	 Invited Speaker 3	“Computational Phytotherapy: AI-Driven Optimization of Herbal Formulations for Precision Pain Management”	Rhian Jaymar D. Ramil, RPh, PhD \nMariano Marcos State University, Philippines 🇵🇭
10.40 – 11.00	 Invited Speaker 4	“Reevaluating Herbal Pain Therapy's Dosage and Standardization”	Ma. Danica Ines-Ramil \nMariano Marcos State University, Philippines 🇵🇭
11.00 – 11.20	 Panel Discussion I	Interactive Discussion with Morning Speakers	All Speakers
11.20 – 12.20	 Lunch Break	Networking & Informal Discussion	—
12.20 – 12.40	 Invited Speaker 5	“Integrative Analgesia: Clinical Evaluation of Collaborative Complementary-Conventional Care Models”	TBA
12.40 – 13.00	 Invited Speaker 6	“Innovation with Integrity: Managing Ethics and Regulation in Herbal Medicine Driven by Technology”	dr. Resa Budi D, Sp.N \nFaculty of Medicine, UMP 🇲🇾
13.00 – 13.20	 Invited Speaker 7	“Innovation with Integrity: Managing Ethics and Regulation in Herbal Medicine Driven by Technology”	Prof. Dr. dr. Nyoman Kertia, Sp.PD-KR \nGadjah Mada University 🇲🇾
13.20 – 13.40	 Panel Discussion II	Interactive Discussion with Afternoon Speakers	All Speakers
13.40 – 14.00	 Coffee Break	Networking & Refreshment	—
14.00 – 15.00	 Oral Presentation Session	Selected Research Presentations	Participants
15.00 – 15.20	 Sponsor Presentation	Sponsor Presentation & Partnership Session	Sponsors
15.20 – 15.45	 Awarding Session	Best Oral Presentation, Best Poster, Best Innovation Research	Committee
15.45 – 16.00	 Closing Ceremony	Closing Remarks, Documentation & Networking	Organizing Committee

Time and Venue



Date : August 11st – 12nd, 2026

Venue : ASTON HOTEL PURWOKERTO

Jl. Overste Isdiman 53114 Purwokerto Timur
Banyumas, Central Java - INDONESIA
/ Hybrid (Online & Offline)

Email : ihmc@ump.ac.id , fk@ump.ac.id

web : www.ihmc.ump.ac.id

SCAN FOR
THE MAP



Accommodation & City Guide for Participants

2nd International Herbal Medicine Conference (2nd IHMC) 2026

To provide a comfortable and memorable experience for all participants, the organizing committee recommends several accommodation options, tourism destinations, coffee shops, and transportation access around Purwokerto.

Recommended Accommodation

Main Recommended Hotel



Aston Purwokerto

4.0•Hotel•

Facilities That Can Be Offered to Participants:

- Airport/train station pickup assistance
- Complimentary breakfast
- Meeting & networking lounge
- Swimming pool & fitness center
- Easy transportation access
- Nearby culinary & coffee shops

Alternative Hotels Nearby



Java Heritage Hotel Purwokerto

Suitable for participants seeking a premium hotel atmosphere with traditional Javanese hospitality.



ELSOTEL PURWOKERTO

Affordable and comfortable accommodation close to the city center.

Recommended Coffee Shops Near Venue

Participants may also enjoy Purwokerto's growing coffee culture for networking and informal discussions.



The Soeds Coffee Eats & Spaces

Popular modern coffee space suitable for meetings and discussions.

Mimosa Coffee Kitchen & Dessert

Known for desserts, comfortable ambience, and aesthetic interior.

Diruma Coffee Living

Cozy coffee shop with productive working atmosphere.

Kopi Arasta

One of the favorite local coffee destinations in Purwokerto.

Den Huis Coffee & Roastery

Specialty coffee shop with minimalist industrial concept.

Tourism Destinations Around Purwokerto

Participants are encouraged to explore local attractions around Banyumas and Baturraden.



The Village Purwokerto

Family-friendly destination with European-style architecture and natural scenery.



Menara Pandang Teratai

Iconic city landmark offering panoramic views of Purwokerto.



GWK Purwokerto

Nature-based recreation destination near Baturraden area.



Baturraden

Nature-based recreation destination located near Slamet Mount



Taman Apung Mas Kemambang

is a popular family recreation park in Purwokerto.

Transportation Access to Purwokerto

Purwokerto is well connected to major cities in Indonesia, especially across Java Island.

By Train

Purwokerto Station is one of the major railway hubs in Java with direct access from:

- Jakarta
- Bandung
- Yogyakarta
- Surabaya
- Semarang

Executive and luxury trains are available daily from major stations such as Gambir (Jakarta).

By Shuttle & Travel Services

Door-to-door shuttle and travel services are available from many cities including Jakarta, Bandung, Semarang, Surabaya, and Yogyakarta.

By Airplane

Participants may fly to nearby airports:

- Yogyakarta International Airport (YIA)
- Ahmad Yani Airport Semarang
- Soekarno-Hatta International Airport Jakarta

Then continue to Purwokerto via train or shuttle service.

Local Transportation

Transportation within Purwokerto includes:

- Online ride-hailing services (Grab & Gojek)
- Car rentals
- Motorcycle rentals

Closing

This is conference activity plan, hopefully, this activity can provide support and good information for the general public, practitioners and academics.





INTERNATIONAL HERBAL MEDICINE CONFERENCE



Faculty of Medicine
University of Muhammadiyah
Purwokerto