



ICNPHH-6

# The 6<sup>th</sup> International Conference on Natural Product and Human Health

# 2026

Theme: Natural Products Research for Global Health, Wellness, and Sustainable Development



April 29-May 2, 2026  
Adama, Ethiopia



# 6th International Conference on Natural Products & Human Health

April 29 – May 02, 2026 | Adama, Ethiopia



It is our great pleasure to warmly welcome you to the 6th International Conference on Natural Products and Human Health (ICNPHH-6), hosted by the Institute of Pharmaceutical Sciences (IPS), Adama Science and Technology University, in Adama-a bustling and rapidly growing commercial city in the Oromia Region of Ethiopia. The conference is co-hosted by the Bio and Emerging Technology Institute (BETin) and the Armauer Hansen Research Institute (AHRI), Ethiopia.

Since its inception in 2020 at Deshbandhu College, University of Delhi, the ICNPHH conference series has grown into a truly global scientific platform. The successive meetings were held at Deshbandhu College, University of Delhi, India (2020, 2022); Padre Albino University Center (UNIFIPA), Catanduva, SP, Brazil (2023); University of Aveiro, Portugal (2024); and Hunan University of Chinese Medicine, Hunan, China (2025). These conferences have successfully brought together leading scientists, researchers, and students to share advances in natural products research and their applications in improving human health.

Building on this strong foundation, ICNPHH-6 aims to further strengthen international collaboration and promote innovative research in natural products chemistry, pharmacology, and related disciplines. The theme of the conference is “Natural Products Research for Global Health, Wellness, and Sustainable Development.” This conference provides an excellent opportunity to explore emerging discoveries, discuss novel therapeutic approaches for major diseases, and foster interdisciplinary partnerships.

We are honored to host this prestigious event and to welcome distinguished speakers, researchers, and participants from around the world. Your active participation will be key to the success of ICNPHH-6 and to advancing the role of natural products in addressing global health challenges.

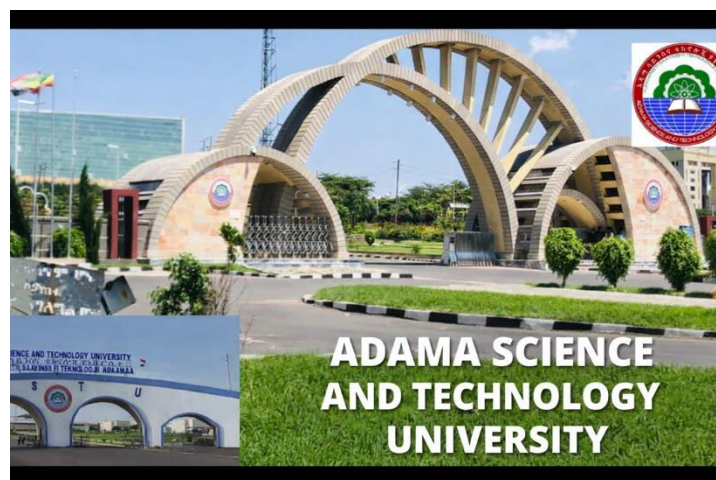
We look forward to your valuable contributions and to an engaging and inspiring conference experience.

Welcome, and we look forward to seeing you at ICNPHH-6!

ICNPHH-6 chairs

## Conference Objectives

- **Knowledge Exchange:** Present and discuss recent scientific advances in natural products and human health.
- **Research Collaboration :** Strengthen interdisciplinary partnerships among academic institutions and stakeholders.
- **Innovation & Translation:** Bridge laboratory discoveries with clinical and public health applications.
- **Sustainable Utilization :** Encourage responsible and evidence-based use of medicinal plants.



## Keynote Speakers



● **Prof. Wei Wang, Ph.D.** - Director, TCM & Ethnomedicine Innovation International Laboratory; Dean, School of Pharmacy, Hunan University, China



● **Prof. Rameshchandra Kishorilal Goyal** - Professor Emeritus, FRIGE Institute of Human; Former VC, Delhi Pharmaceutical Sciences & Research University, India

## Plenary Speakers



● **Prof. Ana Paula Girol, Ph.D.** , Padre Albino University Center, Brazil



● **Prof. Milkyas Endale, Ph.D.**, Traditional and Modern Medicine Research and Development Directorate, Armauer Hansen Research Institute (AHRI), Ethiopia.

## Organizers & Sponsors

Adama Science & Technology University (ASTU) | Institute of Pharmaceutical Science (IPS)

Armauer Hansen Research Institute (AHRI)

Bio & Emerging Technology Institute (BETin)

## Contacts

**Conference Chair** Dr. Ketema Tafes: [ketema.tafes@astu.edu.et](mailto:ketema.tafes@astu.edu.et)

Co-Chair Prof. Aman Dekebo [aman@astu.edu.et](mailto:aman@astu.edu.et)

## Program Schedule

**Date:** April 29-May 02/2026

**Venue:** Borati Hall

**Theme:** Natural Products Research for Global Health, Wellness, and Sustainable Development

**Day 1 (April 29 2026) (@ ASTU**

Time	Activity	Responsible	Moderator	Reporter
<b>Day 1- Morning</b>				
8:30 - 9:00	Registration	Organizing team	TBA	TBA
9:00 - 9:10	Program introduction	Officilas		
9:10 - 9:25	Welcome	TBA		
9:25 - 9:45	Opening remark	TBA		
9:45 - 10:15	Keynote-01: Glocalization of Herbal Medicines via Global Technology Integration and Local Safety Regulation Development	Prof. Ramesh Goyal		
10:15 - 10:35	Plenary-01: Multitarget Therapeutic Potential of <i>Garcinia brasiliensis</i> : Anti-inflammatory to Antitumor Activity	Prof. Ana Paula Girol		
10:35 - 11:00	<b>Health break and Networking</b>			
11:00 - 11:30	<b>Tribute session to Prof. Vladimir V. Zarubaev</b> , an eminent scientist and virologist Head of the Department of Virology at the Saint Petersburg Pasteur Institute.	Barinova Iana	TBA	TBA
11:30 - 11:55	Discussion	All participants		
11:55 - 14:00	Lunch	Organizers		
<b>Day 1 Afternoon. Scientific papers presentation –Syndicate 1</b>				
	<b>Subtheme 1: Ethnomedicine, Indigenous Knowledge and Herbal Medicine Systems (Focus: traditional knowledge, cultural practices, conservation, and integration with modern medicine)</b>			
14:00 - 14:15	Bridging Indigenous Knowledge and Science: Functional Validation of <i>Kigelia africana</i> Fruit Therapies	Dr. Dubekile Nyoni	TBA	TBA
14:15 - 14:30	Medicine and Food Homology in China: Concept, Modernization, and Case Studies of Characteristic Varieties	Mr Jiangyi Luo		
14:30 - 14:45	Translating Thai Traditional Medicine into Modern Drug Discovery: The Prasapalai Case Study	Somsak Nualkaew		
14: 45 - 15:00	Potential Indication as Anti-diabetic and Anti-obesity of Thai traditional Anti-fever Remedy	Dr. Natsajee Nualkaew		
15:00 - 15:25	Discussion	All participants		
15:25 - 15:45	<b>Health break and Networking</b>			
15:45 - 16: 00	Role of thematic herbal garden in conservation of medicinal plants and to promote Indian system of Medicine in India	Jeetendra Kumar Vaishya	TBA	TBA
16:00 - 16:15	Exploring potentials of <i>Asparagus racemosus</i> (Shatavari) and its conservation	Prof. Sunil Kayesth		
16:15 - 16:30	Antibacterial and Antioxidant Activities, <i>in silico</i> Molecular Docking, ADMET and DFT Analysis of Compounds from Roots of <i>Cyphostemma cyphopetalum</i>	Prof. Aman Dekebo		
16:30 - 16:55	Discussion			
<b>Day 1 Afternoon. Scientific Papers Presentation- Syndicate 2</b>				
	<b>Subtheme 2: Phytochemistry, Bioactive Compounds and Natural Product Discovery</b>			
	<b>Subtheme 3: Herbal Drug Development, Pharmacology and Therapeutic Applications</b>			
14:00 - 14:15	<i>In silico</i> and <i>in vitro</i> analysis of PTP 1B/TC-PTP inhibition by a triterpenoid friedelin-3,4-lactone isolated from <i>Syzygium cordatum</i> an antidiabetic plant in African traditional medicine.	Dr. Pardon Mugari	TBA	TBA
14:15 - 14:30	Phytochemical Acaricidal Activity of <i>Cissus quadrangularis</i> as a Natural Remedy for Tick Control	Dr. Stephen Nyoni		

14:30 - 14:45	Bioactive compounds from <i>Dodonaea angustifolia</i>	Prof. Yadessa Melaku		
14: 45 - 15:00	Exploring the Physical and Medicinal Properties of Mushrooms In Primary School and Academia	Zélia Anastácio		
15:00 - 15:25	<b>Discussion</b>	All partiicipants		
15:25 - 15:45	<b>Health break and Networking</b>	Organisers		
15:45 - 16: 00	Hearing Improvement in Sudden Sensorineural Hearing Loss Following Traditional Herbal Medicine: A Case Study	Suppachai Tiyawarant	TBA	TBA
16:00 - 16:15	Secondary Metabolites of Bacteria from the Ethiopian Desert Ecosystem	Dr Ketema Tafess		
16:15 - 16:30	Acanthamoeba: Plants based Nanoformulation for Sustainable One-Health	Dr. Veeranoot N.		
16:30 - 16:55	<b>Discussion</b>			

**Day 2 (April 30 2026) (@ ASTU)**

Time	Activity	Responsible	Moderator	Reporter
8:30 - 9:00	Keynote-02: Natural Products Research Based on Hunan Chinese Medicine and Ethnomedicine	Prof. Wei Wang,	TBA	TBA
9:00 - 9:20	Plenary-02: Phytochemical and Bioactivity Evaluation of Selected Medicinal Plants of Ethiopia: Integrated Experimental and Computational Approach	Prof. Milkyas Endale		
9:20 - 9:45	<b>Discussion</b>	Allpartiicipants		
9:45 - 10:05	<b>Health break and Networking</b>	Organisers		

**Day 2 (April 30/26): Scientific Papers Presentation - Syndicate 1**

<b>Subtheme 3: Herbal Drug Development, Pharmacology and Therapeutic</b>				
<b>Subtheme 4: Advanced Technologies in Natural Product Research</b>				
10:05 - 10:20	Mechanistic Elucidation of Flavonoid-Driven Tamoxifen Combination Therapy in Breast Cancer Using Network Pharmacology and Molecular Dynamics Simulation	Anand Gaurav	TBA	TBA
10:20 - 10:35	From Olive Leaf to Oral Biointerface: Oleuropein-Driven Natural Strategies for Microbial Control and Human Health	Dr. Abdullah Levent Alparslan		
10:35 - 10:50	Bacteriocin-Producing Lactic Acid Bacteria as Candidates for Novel Antimicrobial Agents	Dr Molalegne Bitew		
10:50 - 11:05	Insights from lipid reactive T cells: what can we learn from lysosomal storage diseases?	Dr Fátima Macedo		
11:05 - 11:20	Exploring the Therapeutic Potential of <i>Kirkia tenuifolia</i> Engl. Stem Bark Extract and Its Bioactive Compounds through Experimental and Computational Approache	Gashaw Nigussie		
11:20 - 11:35	Fabrication and surface modification of electro-spun PVA/PEG membrane scaffold with hydroxyapatite nanoparticles and PCL for bone tissue regeneration	Dr. Jiya Jose		
11:35 - 12:00	<b>Discusiom</b>	All participants		
12:00 - 14:00	<b>Lunch</b>	Organisers		
14:00 - 15:00	Traditinal medicine Clinic visit in Adama			
15:00 - 16:00	Suggestion on next event + Certefication + Closing remark			
16:00 - 17:00	ASTU Visit			

**Day 2 (April 30/26): Scientific Papers Presentation - Syndicate 2**

<b>Subtheme 4: Advanced Technologies in Natural Product Research</b>				
<b>Subtheme 5: Herbal Formulations, Public Health, and Regulation</b>				
10:05 - 10:20	Converging Nanomaterial Innovations: From Biosensing to Drug Delivery for Precision Cancer Management	Shanmuga Sundar Saravanabhavan	TBA	
10:20 - 10:35	Development and In-Vitro Evaluation of Herbal Ointment Formulations from <i>Trachyspermum ammi</i> and <i>Cymbopogon citratus</i> for the Management of Dermatophytosis	Firehiwot Teka		
10:35 - 10:50	From Seed to Standard: Unlocking the Bioactive and Economic Potential of Hemp and Medical Cannabis	Dr. Mekibib Dawit		
10:50 - 11:05	Mental Health in the Workplace: Wellbeing, Substance Use, and Help-Seeking Pathways Among Healthcare Professionals	Ms Sheethel Antony		
11:05 - 11:20	Massage as a Biochemical Support in Polar Night Conditions: Physiology, Light, and Touch	Natalia Volkova		

11:20 - 11:35	Antidiabetic effect of instant porridge enriched with dietary polyphenols, triterpenoids, peptides and d-chiro-inositol	Prof. Pamhidzai Dzomba (PhD);		
11:35 - 12:00	<b>Discusiom</b>	All partiicpants		
12:00 - 14:00	<b>Lunch</b>	Organisers		
14:00 - 15:00	Traditinal medicine Clinic visit in Adama			
15:00 - 16:00	Breifing on next event , Certification , Closing remark			
16:00 - 17:00	ASTU Visit			

### Day 3 (May 1, 2026)@Addis Ababa

Time	Activity	Responsible		
8:00 -10:30	Travel of Guests to Addis Ababa	ASTU		
10:30 -11:00	Arrive at Hotel	AHRI		
11:00 - 12:00	Visit to Firdowus Herbal Clinic	AHRI	PR /AHRI	
12:00 -14:00	<b>Lunch</b>	AHRI Team		
14:00 - 15:00	Arrival at AHRI and welcome to AHRI	Director of AHRI (Prof Afework)	TBA	
15:00 - 17:30	Visit to New AHRI complex	AHRI team		

### Day 4 (May 2, 2026), Morning @AHRI

8:00 - 9:00	General overview of TM in Ethiopia, @AHRI	MoH/TMD	TBA	
9:00 - 10:00	Past, present and future prospect of TMMRDD in Ethiopia	AHRI/TMMRDD	TBA	
10:00 - 10:30	Regulation TM in Ethiopia	EFDA	TBA	
10:30 - 11:00	<b>Health break and Networking</b>	AHRI		
11:00 - 11:30	Display of TM products /poster	AHRI/TMMRDD	Fitsum Demisse/AHRI	
11:30 - 12:00	Visit AHRI/ALERT Botanic Garden	AHRI/TMMRDD	Dr Getachew/AHRI	
12:00 - 13:30	<b>Lunch</b>	AHRI Team		

### Day 4 (May 2, 2026) , Afternoon @BETin

14:00 - 14:30	Guests arrival at BETin (Hotel)	BETin Coordinators		
14:30 - 17:00	Experience sharing visit to Botanical Garden at Unity Park	BETin and Participants		
17:00-	<b>Dinner</b>	BeTin		