



YAYASAN PERGURUAN CIKINI  
INSTITUT SAINS DAN TEKNOLOGI NASIONAL

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**SURAT PENUGASAN TENAGA PENDIDIK**  
Nomor : 601/02-C.02/VIII/2025  
SEMESTER GANJIL TAHUN AKADEMIK 2025/2026

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Untuk melaksanakan tugas sebagai berikut:						
Bidang	Perincian Kegiatan	Tempat	Jam/Minggu	Kredit (SKS)	Keterangan	
I PENDIDIKAN DAN PENGAJARAN	MENGAJAR DI KELAS (KULIAH/RESPONSI DAN LABORATORIUM)					
	Program Studi S1 Farmasi					
	Analisis Farmasi (A)	Ruang HA			2	Rabu, 08:00 - 10:30 Rabu, 10:30 - 13:00
	Analisis Farmasi (K)	Ruang HC-7			2	Senin, 19:00 - 21:30 Sabtu, 17:00 - 19:30
	Farmakognosi dan Fitokimia (A)	Ruang HA			1,25	Senin, 08:00 - 10:30 Senin, 10:30 - 13:00
	Farmakognosi dan Fitokimia (K)	Ruang HC-6			1,25	Sabtu, 08:00 - 10:30 Sabtu, 10:30 - 13:00
	Digital Marketing (A+B) (A)	Ruang HC-6			1	Kamis, 13:00 - 14:40
	Digital Marketing (A+B) (K)	Ruang HC-7			1	Sabtu, 13:00 - 14:40
	Teknologi Produk Bahan Alam Farmasi (A) (A)	Ruang HC-5			1	Senin, 10:00 - 11:40
	Bimbingan Skripsi			3 Jam/Minggu	1	
	Menguji Tugas Akhir			3 Jam/Minggu	1	
Pengembangan Bahan Ajar			9 Jam/Minggu	3		
II PENELITIAN	Penulisan Karya Ilmiah		3 Jam/Minggu	1		
III PENGABDIAN Dan MASYARAKAT	Pelatihan dan Penyuluhan		3 Jam/Minggu	1		
IV UNSUR UNSUR PENUNJANG	Pertemuan Ilmiah		3 Jam/Minggu	1		
	Penasehat Akademik		3 Jam/Minggu	1		
	Akreditasi		3 Jam/Minggu	1		
Jumlah Total				19,5		
Kepada yang bersangkutan akan diberikan gaji/honorarium sesuai dengan peraturan pengajian yang berlaku di Institut Sains dan Teknologi Nasional Penugasan ini berlaku dari tanggal 16 Agustus 2025 sampai dengan tanggal 28 Februari 2026						
<b>Tembusan :</b> 1. Wakil Rektor Bidang Akademik - ISTN 2. Wakil Rektor Bidang Sumber Daya - ISTN 3. Ka. Biro Sumber Daya Manusia - ISTN 4. Kepala Program Studi Farmasi Fak. Farmasi 5. Arsip						
 Dr. Jenny Pontoon, M.Farm. NIP: 01.191495						



# CERTIFICATE OF APPRECIATION

PRESENTED TO

**Ika Maruya Kusuma**

**As Oral Presenter**

**Bandung International Conference on Collaborative Health Research 2026**

"Smart Science for Excellent Futures: Cosmetics, Biotechnology,  
and Digital Education"

Bandung, 4 Februari 2026



**AULIYA A. SUWANTIKA**

DEAN OF FACULTY OF PHARMACY



**VESARA ARDHE GATERA**

CHAIRMAN

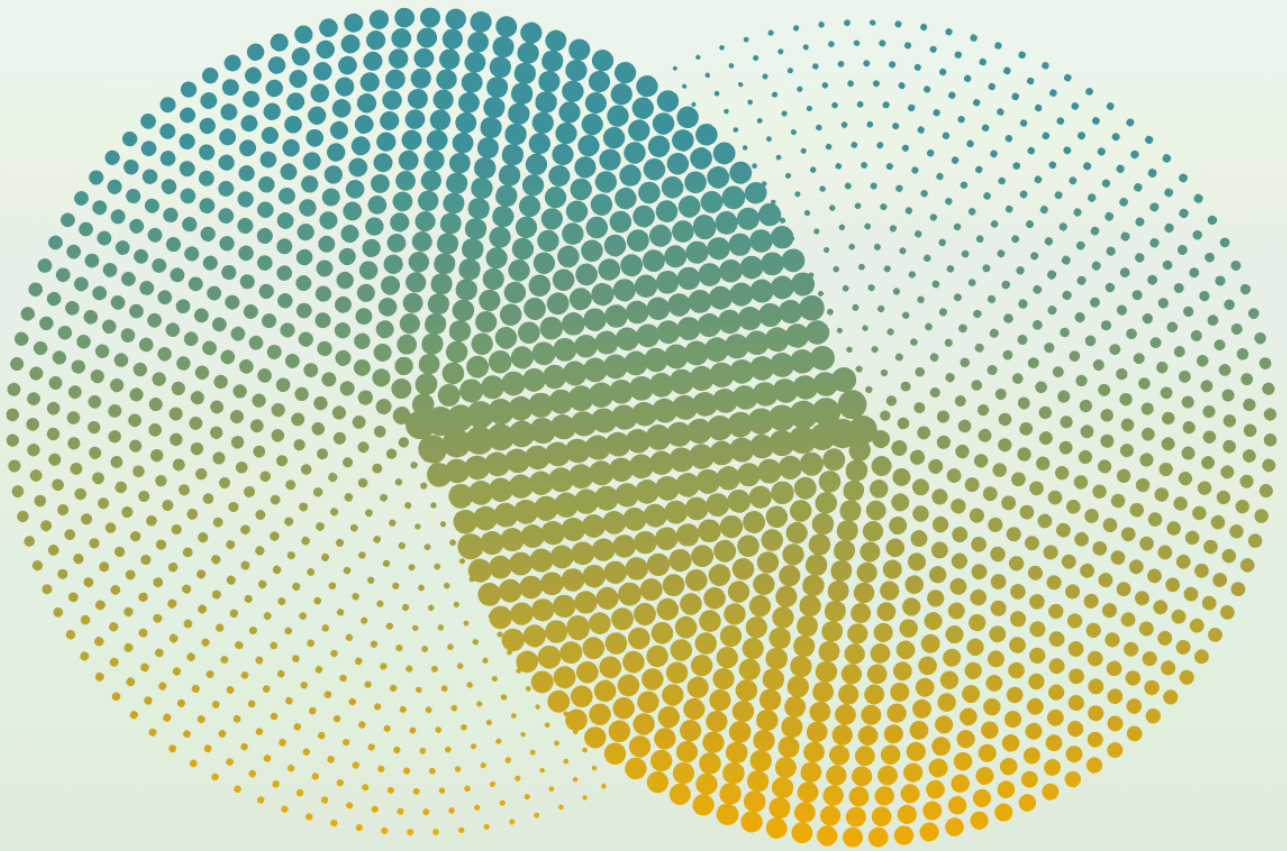


SMA Qrisdoren

# Bandung International Conference on Collaborative Health Research (BICCHR) 2026

“Smart Science for Excellent Futures: Cosmetics,  
Biotechnology, and Digital Education”

**PROGRAM BOOK**



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FACULTY OF PHARMACY  
UNIVERSITAS PADJADJARAN

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## **WELCOMING SPEECH**

### **FROM CHAIRMAN OF BANDUNG INTERNATIONAL CONFERENCE ON COLLABORATIVE HEALTH RESEARCH (BICCHR) 2026**

Distinguished keynote and invited speakers,  
Honorable guests, colleagues, and all committee members,  
Ladies and gentlemen,

A very warm welcome to the Bandung International Conference on Collaborative Health Research 2026 (BICCHR 2026).

On behalf of the organizing committee, I am honored to welcome academics, researchers, practitioners, and students to exchange ideas and foster collaboration in health and pharmaceutical sciences. Your presence reflects our shared commitment to advancing health research through collaboration.

Today's health challenges, ranging from infectious diseases and non-communicable diseases to health system strengthening and emerging technologies, are complex and interconnected. Addressing them requires interdisciplinary research, global partnerships, and collective action. BICCHR 2026 Rapid advancements in science and digital technology are reshaping cosmetics, biotechnology, and digital education.

I would also like to thank our partners, organizing committee, and students for their dedication and support. I encourage all participants to engage actively in discussions and take full advantage of the opportunities to connect and collaborate. May this conference inspire new ideas and strengthen partnerships for better health outcomes.

Thank you, and I wish you a successful and inspiring conference.



Sumedang, 2 February 2026

Dr. Vesara Ardhe Gatera  
Chairman Of Bandung International Conference On Collaborative  
Health Research (BICCHR) 2026

## OPENING SPEECH

### FROM THE DEAN OF THE FACULTY OF PHARMACY UNIVERSITAS PADJADJARAN

Distinguished keynote and invited speakers,  
Honorable guests,  
Esteemed researchers, academics, and practitioners,  
Ladies and gentlemen,

It is a great honor and pleasure for me, on behalf of the Faculty of Pharmacy at Universitas Padjadjaran, to warmly welcome you all to the Bandung International Conference on Collaborative Health Research (BICCHR) 2026.

First, I would like to express my sincere appreciation to the keynote speakers, invited speakers, and all participants who have taken the time to join this conference. Your presence and contributions are invaluable to the success of this academic forum.

This year, the conference theme is “Smart Science for Excellent Futures: Cosmetics, Biotechnology, and Digital Education,” which addresses the current challenges and developments in science, technology, and society. We hope this conference will serve as a productive platform for sharing knowledge, exchanging ideas, and fostering collaboration among researchers and professionals from diverse backgrounds and institutions.

I would also like to extend my gratitude to the organizing committee for their hard work, dedication, and commitment to preparing this conference. Without their efforts, this event would not have been possible.

Finally, I hope this conference runs smoothly and generates meaningful discussions, valuable insights, and impactful outcomes that advance knowledge and benefit society.

Kind regards,



Sumedang, 2 February 2026

Prof. Auliya A. Suwantika  
Dean Faculty of Pharmacy, Universitas Padjadjaran

# COMMITTEE OF BANDUNG INTERNATIONAL CONFERENCE ON COLLABORATIVE HEALTH RESEARCH (BICCHR) 2026

## **Advisory Board**

Prof. Dr. apt. Ajeng Diantini, M.Si.  
Prof. apt. Auliya A. Suwantika, PhD.  
Prof. apt. Mutakin, M.Si., PhD.

## **Chairman**

Dr. apt. Vesara Ardhe Gatera, M.Farm.

## **Secretariat**

apt. Zelika Mega Ramadhania, M.Si., PhD.  
Dr. apt. Mayang Kusuma Dewi, M. Farm.

## **Treasurer**

apt. Miski Aghnia Khairinisa, M.Biomed.Sc., PhD.

## **Scientific Committee**

apt. Rano Kurnia Sinuraya, M.KM., PhD.  
Riezki Amalia, S.Si., M.Si., PhD.  
Rina Fajri Nuwarda, S.Si., M.Sc., PhD.  
apt. Patihul Husni, M.Si., PhD.  
apt. Angga Prawira Kautsar, MARS.

## **Program Activity**

Dr. apt. Dika Pramita Destiani, M.Farm  
apt. Raden Maya Febriyanti, M.Farm., PhD.  
Dr. apt. Rimadani Pratiwi, M.Si.  
apt. Widya Norma Insani, M.Sc., PhD.

## **Logistic and Supporting Team**

Dr. apt. Imam Adi Wicaksono, M.Si.

## **Publication and Documentation**

Dr. apt. Ayu Shalihat, M.Si.  
apt. Raden Bayu Indradi, M.Si

## PROGRAM OVERVIEW

### One-Day Online Conference

Wednesday, February 4<sup>th</sup>, 2026

Hosted virtually via Zoom

Time (GMT +7)	Event
08.00 to 08.20	Opening Ceremony: <ul style="list-style-type: none"> <li>● Welcome speech by Conference Chair</li> <li>● Welcome speech by Dean</li> <li>● Official Opening Remarks</li> </ul>
08.20 to 08.30	Break
08.30 to 09.10	<b>Keynote Speaker 1:</b> Dr. Khor Poh Yen (University Kuala Lumpur, Malaysia)  <b>Moderator:</b> apt. Sofa D. Alfian, PhD
09.10 to 09.50	<b>Keynote Speaker 2:</b> Joane V. Serrano, PhD (Professor at the Faculty of Management and Development Studies ,University of the Philippines Open University)  <b>Moderator:</b> apt. Sofa D. Alfian, PhD
09.50 to 10.30	<b>Keynote Speaker 3:</b> Dr. apt. Sutriyo, M.Si., CRA (Universitas Indonesia and President of The Society of Indonesian Cosmetic Scientists)  <b>Moderator:</b> Dr. apt. Eri Amalia
10.30 to 11.10	<b>Keynote Speaker 4 :</b> apt. Dita Novianti Sugandi Argadiredja, S.Si., MM (Direktur Produksi dan Distribusi Farmasi, Kementerian Kesehatan Indonesia)  <b>Moderator:</b> Dr. apt. Eri Amalia
11.10 to 12.10	Oral Presentation Session 1 (Parallel Rooms) <ul style="list-style-type: none"> <li>● 8 breakout rooms based on conference tracks</li> <li>● 5 oral presenters</li> <li>● Each presenter has 10 minutes (7 minutes presentation and 3 minutes discussion)</li> </ul> Poster Presentation Session 1 (Parallel Rooms) <ul style="list-style-type: none"> <li>● Three breakout rooms based on conference tracks</li> <li>● 15 poster presenters</li> <li>● Each presenter has 3 minutes to present the poster</li> </ul>
12.10 to 13.00	Lunch Break
13.00 to 13.10	Introduction of the cosmetic engineering study program

13.10 to 13.50	<p><b>Keynote Speaker 5:</b> Yukari Okita, Ph.D. (Department of Experimental Pathology, Graduate School of Comprehensive Human Science, Faculty of Medicine, University of Tsukuba)</p> <p><b>Moderator:</b> Riezki Amalia, Ph.D.</p>
14.00 to 14.30	Plenary Session I Digital Education and Technology Enhanced Learning: Hana Rizmadewi Agustina, S.Kp.,MN., Ph.D.
14.30 to 15.20	<p>Parallel Plenary Session:</p> <p><b>Breakout Room 1</b> Plenary Session II &amp; III: Smart Cosmetics and Beauty Science</p> <p><b>Moderator:</b> Patihul Husni, PhD</p> <p><b>Presenter 1:</b> Dr. apt. Soraya Ratnawulan Mita, M.S (Universitas Padjadjaran)</p> <p><b>Presenter 2:</b> apt. Hardi Wibowo, MM. (PT Menarini Indria Laboratories, Indonesia)</p>
	<p><b>Breakout Room 2</b> Plenary Session IV &amp; V: Biotechnology and Biomolecular Innovation</p> <p><b>Moderator:</b> apt. Yuni Elsa Hadisaputri, Ph.D.</p> <p><b>Presenter 1:</b> Muhammad Yusuf, Ph.D. (Universitas Padjadjaran)</p> <p><b>Presenter 2:</b> apt. Febby Valentine Purwadi, M.Sc. (University of Santiago de Compostela)</p>
15.30 to 16.30	<p>Oral Presentation Session 2 (Parallel Rooms)</p> <ul style="list-style-type: none"> <li>● Six breakout rooms based on conference tracks</li> <li>● 5 oral presenters</li> <li>● Each presenter has 10 minutes (7 minutes presentation and 3 minutes discussion)</li> </ul> <p>Poster Presentation Session 2 (Parallel Rooms)</p> <ul style="list-style-type: none"> <li>● Three breakout rooms based on conference tracks</li> <li>● 15 poster presenters</li> <li>● Each presenter has 3 minutes to present the poster</li> </ul>
16.30-17.00	<p>Closing Ceremony:</p> <ul style="list-style-type: none"> <li>● Announcement of Best Oral Presenters</li> <li>● Appreciation remarks</li> <li>● Closing statement</li> </ul>

## Conference Tracks

1. Smart Cosmetics and Future Beauty Science
  - Innovative active ingredients
  - New product development and formulation
  - Digital tools in cosmetic research and development
  - Safety evaluation and regulatory insights
  
2. Biotechnology for Global Excellence
  - Biomedical discoveries
  - Bioprocessing and molecular research
  - Natural products and functional ingredients
  - Integration of biotechnology in health sciences
  
3. Digital Education for the Next Generation
  - Artificial intelligence in learning platforms
  - Online instructional design and digital pedagogy
  - Digital literacy and 21<sup>st</sup>-century skills
  - Technology-enabled teaching and learning

# **ABSTRACT OF ORAL PRESENTATION**

## EVALUATION OF THE ANTI ACNE POTENTIAL OF PEEL OFF GEL CONTAINING THE ETHYL ACETATE FRACTION OF KAWISTA FRUIT PEEL (*Limonia acidissima* L.) AGAINST *Cutibacterium acnes*

Ika Maruya Kusuma<sup>1</sup>, Berna Elya<sup>1\*</sup>, Herman Suryadi<sup>1</sup>, Iskandarsyah<sup>1</sup>

<sup>1</sup>Faculty of Pharmacy, Universitas Indonesia, Depok 16424, West Java, Indonesia

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### ABSTRACT

The peel of kawista fruit (*Limonia acidissima* L.) contains flavonoids, alkaloids, phenolic compounds, and saponins that have potential antibacterial activity against acne causing bacteria. Peel-off gel is a water based mask formulation that offers advantages due to its ability to form a thin film on the skin and be easily removed after use. This study aimed to evaluate the antibacterial activity of the ethyl acetate fraction of kawista fruit peel in a peel-off gel against *C. acnes*. The research consisted of several stages, including extraction, ethyl acetate fractionation, phytochemical screening, antibacterial activity testing, formulation, and evaluation of the peel-off gel (organoleptic properties, homogeneity, pH, viscosity, spreadability, adhesiveness, and drying time). The ethyl acetate fraction was developed into peel-off gel preparations at concentrations of 6.25% (F1) and 12.5% (F2). Peel-off gel formulations containing the ethyl acetate fraction of kawista fruit peel (F1 and F2) exhibited moderate to strong antibacterial activity against *C. acnes*. Increasing the concentration resulted in a darker yellow colour (F2), a soft texture, a characteristic odour, a homogeneous appearance, and pH values of 5.44-6.17. The viscosity and spreadability of the material met the requirements of SNI 16-4399-1996, with adhesion times ranging from 27.40 to 46.62 s and drying times between 18.07 and 22.19 min. In conclusion, the ethyl acetate fraction of kawista fruit peel formulated in peel-off gel has moderate to strong antibacterial activity against *C. acnes* in F1 and F2.

**Keywords:** *Cutibacterium acnes*, Ethyl acetate fraction, *Limonia acidissima*, Peel off