

13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025)

Organized by IFERP Life Sciences

in association with

MIT College of Pharmacy, Joginpally B.R. Engineering College, India,
Medical Ethics and Law Research Center, Shahid Beheshti University of
Medical Sciences, Tehran, Iran

Post Conference Report

13th WCPD – 2025, Contributed to Following SDGs









Foreword

Dear Participants,

It gives me great pleasure to share with you the outcomes and results of the 13th WCPD – 2025, with the theme of "Revolutionizing Pharmaceutical Science: From Research to Manufacturing Excellence "which was held at Jakarta, Indonesia on 21st & 22nd August, 2025. More than 300 people attended the event in person, and more than 500 people watched the live stream online. We were able to actively engage and reach out to a wider spectrum of research communities.



MD & Founder, IFERP Technoarete Group

The 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), provided a vibrant platform that brings together scholars, educators, and researchers from a variety of disciplines. It is a hub for exchanging innovative research about Clinical and Applied Pharmacology, Pharmacogenomics, Nanotechnology in Pharmaceutics, Pharmacokinetics, Drug Discovery and Development, Pharmacognosy, Toxicology, Pharmaceutical Biotechnology, Pharmacodynamics, Pharmaceutical Regulatory Affairs.

We are grateful for the support of many universities and research institutes, whose contributions were vital to the success of this conference. We extend our sincere gratitude and highest respect to the professors who played an important role in the review process, providing valuable feedback and suggestions to authors to improve their work. We also extend our appreciation to the external reviewers for providing additional support in the review process and to the authors for contributing their research results to the 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025).

Mr. Siddth Kumar Chhajer MD & Founder, IFERP, Technoarete Group

Table of Contents

1. Conference Summary

- 1.1 Conference Overview
- 1.2 Conference Theme
- 1.3 Objectives & Scope of the Conference

2. Guest of Honor, Keynote Speakers, Session Speakers, Plenary Speakers, & Session Chairs

3. Welcoming & Introduction

4. Welcome Speeches

- 4.1 Welcome Speech by Special Guest Mr. A. Siddth Kumar Chhajer
- 4.2 Welcome Speech by Special Guest Dr. Ir. H. Pawenary
- 4.3 Welcome Speech by Special Guest Dr Sharadendu Bali, MBBS, MS, PhD
- 4.4 Welcome Speech by Special Guest Prof. Dr. Yudi Samyudia
- 4.5 Welcome Speech by Special Guest Prof. apt. Diana Laila Ramatillah, PhD
- 4.6 Welcome Speech by Special Guest Dr. Ridha Sefina Samosir

5. Keynote Speeches

- 5.1 Keynote Speech by Prof. Dr. Yudi Samyudia
- 5.2 Keynote Speech by Prof. apt. Diana Laila Ramatillah, M.Farm, Ph.D
- 5.3 Keynote Speech by Dr. Sharadendu Bali, MBBS, MS, PhD
- 5.4 Keynote Speech by Prof. Dr. Nalini Kanta Sahoo
- 5.5 Keynote Speech by Prof. Dr. Palanirajan Vijayaraj Kumar
- 5.6 Keynote Speech by Prof. Dr. Drs. Yufri Aldi, M.Si. Apt
- 5.7 Keynote Speech by Professor Mahmoud Abbasi

6. Group Photo

- 7. Inaugural Programme
- 8. Conference Proceedings Book Release
- 9. Momento Ceremony

10. Technical Presentation Sessions

10.1 Technical Presentation Session 1 A

- 10.1.1 Speech by Session Speaker Dr. Ridha Sefina Samosir
- 10.1.2 Speech by Session Speaker Dr. Ir. H. Pawenary

10.1.3 – 10.1.5 Scientific Presentations

11. Technical Presentation Sessions

11.1 Technical Presentation Session 1 A

- 11.1.1 Speech by Session Speaker Prof. Dr. Ir. Lilik Sutiarso
- 11.1.2 Speech by Session Speaker Prof. Ts. Dr. Norita Md Norwawi
- 11.1.3 11.1.23 Scientific Presentations

11.2 Technical Presentation Session 2 A

- 11.2.1 Speech by Session Speaker Prof. Dr. Amalia E. Maulana
- 11.2.2 11.2.16 Scientific Presentations

12. Technical Presentation Sessions

12.1 Technical Presentation Session 1 B

- 12.1.1 Speech by Session Speaker Prof. Dr. Ahmad Adeel
- 12.1.2 12.1.14 Scientific Presentations

12.2 Technical Presentation Session 2 B

- 12.2.1 Speech by Session Speaker Prof. Dr Karuppasamy Periyasamy
- 12.2.2 12.2.8 Scientific Presentations

13. Award Ceremony - Best Paper Presentation Awards

- 14. Valedictory Function
- 15. Vote of Thanks
- 16. Conference Glimpses
- 17. General Comments & Feedbacks

1. Conference Summary



Conference Name : 13th World Conference on Pharmaceutical Science and Drug

Manufacturing (13th WCPD-2025)

Date : 21st & 22nd August, 2025

Venue : Jakarta, Indonesia

Conference Theme: Revolutionizing Pharmaceutical Science: From Research to

Manufacturing Excellence

Organized By : MIT College of Pharmacy, Joginpally B.R. Engineering College, India,

Medical Ethics and Law Research Center, Shahid Beheshti University

of Medical Sciences, Tehran, Iran, and IFERP Life Sciences

No. of Organizing Committee Members : 40

No. of Editors/Reviewers : 28

No. of Speakers : 20

No. of Abstracts Received : 375

No. of Participants Registered : 274

No. of Attendees : 325

1.1 Conference Overview

13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), was the place where ideas collided and innovations take the spotlight for the contribution towards achieving Sustainable Development Goals! 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025) had long been the meeting place for professionals, educators, researchers, policymakers, and industry professionals looking to network, share ideas, and grow in their respective fields. At this Pharmaceutical Science and Drug Manufacturing conference in Jakarta, Indonesia, academics, researchers, and educators were came together to share their groundbreaking research, and different views, and explore unique ideas from various fields.

Through collaboration, the conference explored intersections between various disciplines and created a dynamic environment to enhance educational discussions and explore diverse studies. This International Conference in Jakarta, Indonesia, was a part of shaping the future of global education. They continued to inspire, transform, and shape education together. Their participation was more than just an RSVP; it is an important role in our community dedicated to academic success and positive change.

1.2 Conference Theme

The theme of the 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), "Revolutionizing Pharmaceutical Science: From Research to Manufacturing Excellence" was to provide a lively space where different academic areas come together. 13th WCPD – 2025 stands as a melting pot of ideas, where the boundaries between advances in Pharmaceutical Science and Drug Manufacturing disciplines blur, giving rise to innovative solutions that address global challenges. The conference embraces the multidisciplinary nature of educational excellence driving through digital transformation, recognizing that true breakthroughs often occur at the intersections of different fields.

This theme encapsulates the conference's focus on fostering innovation and collaboration across diverse disciplines within Pharmaceutical Science and Drug Manufacturing. It encourages participants to explore and present cutting-edge solutions that contribute to the sustainable development of industries, addressing challenges and advancing knowledge for a better future. The multidisciplinary perspective highlights the interconnectedness of various fields in creating holistic and impactful solutions.

1.3 Objectives & Scope of the Conference

The 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025) aims to provide a platform for researchers, scholars, engineers, and practitioners to share their latest advancements and innovations in the fields of Pharmaceutical Science and Drug Manufacturing. The conference will focus on promoting multidisciplinary research and collaboration, and it will address the challenges and emerging trends in these disciplines.

Key objectives include:

- Address the evolving challenges in pharmaceutical research and drug production.
- Explore the integration of new therapeutic modalities and innovative technologies.
- Foster collaboration among stakeholders to enhance patient outcomes and promote advances in medical science.
- Provide a platform for sharing insights on industry trends and potential solutions for ongoing issues.
- Encourage a strategic, long-term, and integrated approach to operations in global healthcare.

13th WCPD – 2025 transcends traditional boundaries, providing a platform for comprehensive exploration across a multitude of disciplines. The conference encompasses a wide scope that includes, but is not limited to:

- Clinical and Applied Pharmacology
- Pharmacogenomics
- Nanotechnology in Pharmaceutics
- Drug Discovery and Development
- Pharmacognosy
- Toxicology
- Pharmaceutical Biotechnology
- Pharmaceutical Regulatory Affairs

2. Guest of Honor, Keynote Speakers, Session Speakers, Plenary Speakers, & Session Chairs

Guest of Honors



Mr. Siddth Kumar Chhajer
Founder & Managing
Director,
IFERP, Technoarete Group,
India.



Dr. Jyoti BansalPrincipal, Baba Farid College of
Engineering & Technology
Bathinda, Punjab.

Keynote Speakers



Prof. Dr. Palanirajan Vijayaraj Kumar, Head of the Department, Department of Pharmaceutical Technology, UCSI University Malaysia



Prof. Dr. Nalini Kanta Sahoo, Dean, Faculty of Pharmaceutical sciences, RAMA University India



Prof. Dr. Drs. Yufri Aldi, M.Si. Apt, Vice-Dean, Faculty of Pharmacy, Andalas University, Padang Indonesia



Prof. apt. Diana Laila Ramatillah, M.Farm, Ph.D, Vice Rector I for Academic Affair & Professor, Department of Clinical Pharmacy, Universitas 17 Agustus 1945 Jakarta Indonesia



Professor Mahmoud Abbasi, Lawyer and university Professor, President of Medical Ethics and Law Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran



Prof. Dr. Sandile Khamanga, Dean, Faculty of Pharmacy, Rhodes University South Africa

Plenary Speaker



Dr Sharadendu Bali, MBBS, MS, PhD Professor General Surgery, Teerthankar Mahavir Medical College, Moradabad, India

Session Speakers



Dr. PALANISAMY SIVANANDY,
Programme Director - Master in Pharmacy
Practice,
Senior Lecturer,
School of Pharmacy,
IMU University,
Malavsia.



Dr. Aliasgar Shahiwala,
Director, Research,
Professor, Department of
Pharmaceutical Sciences,
College of Pharmacy, Dubai Medical
University

Session Chair



Prof. (Dr.) Mohammad Jamali, College of Medical and Health Sciences, Liwa University, Abu Dhabi, United Arab Emirates

3. Welcoming & Introduction

Welcome to the 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), where we gather the brightest minds and the most innovative ideas to inspire, educate, and connect. Before we dive into today's agenda, let's take a moment to appreciate the vibrant atmosphere here at Jakarta, Indonesia. This location has been thoughtfully chosen to provide an inspiring environment for our discussions and networking. The theme of the 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025) is "Revolutionizing Pharmaceutical Science: From Research to Manufacturing Excellence".

Our objective is to explore new technologies in Pharmaceutical Science and Drug Manufacturing. Over the next two days, we have a packed schedule with two sessions, and ten keynote presentations from industry leaders and experts. This conference would not be possible without the hard work and dedication of many individuals. We would like to extend a special thank you to our conference managers, and organizing committee members.

4. Welcome Speeches

4.1 Welcome Speech by Special Guest - Mr. A. Siddth Kumar Chhajer



Mr.Siddth Kumar Chhajer
Founder & Managing Director,
IFERP, Technoarete Group,
India.

4.2 Welcome Speech by Special Guest – Dr. Ir. H. Pawenary



Dr. Ir. H. Pawenary, S.T., MT., M.P.M., IPU.,
ASEAN Eng., ACPE
Associate Professor, Universitas Esa Unggul
President Director, Pusdiklat Listrik
Indonesia
Director, PT. Simenteknindo
Jakarta, Indonesia.

4.3 Welcome Speech by Special Guest - Dr Sharadendu Bali, MBBS, MS, PhD



Dr Sharadendu Bali, MBBS, MS, PhD
Professor General Surgery,
Teerthankar Mahavir Medical College,
Moradabad,
India

4.4 Welcome Speech by Special Guest - Prof. Dr. Yudi Samyudia



Prof. Dr. Yudi Samyudia Rector, Universitas Pembangunan Jaya Jakarta, Indonesia.

4.5 Welcome Speech by Special Guest - Prof. apt. Diana Laila Ramatillah, PhD



Prof. apt. Diana Laila Ramatillah, M.Farm, Ph.D, Vice Rector I for Academic Affair & Professor, Department of Clinical Pharmacy, Universitas 17 Agustus 1945 Jakarta Indonesia

4.6 Welcome Speech by Special Guest – Dr. Ridha Sefina Samosir



Dr. Ridha Sefina Samosir, S.
Si., M. Kom
Associate Professor
Department of Computer
Science
Universitas Kalbis
Iakarta. Indonesia.

5. Keynote Speeches

5.1 Speech by Keynote speaker - Prof. Dr. Yudi Samyudia



Prof. Dr. Yudi Samyudia Rector, Universitas Pembangunan Jaya Jakarta, Indonesia.

5.2 Speech by Keynote speaker - Prof. apt. Diana Laila Ramatillah, M.Farm, Ph.D



Prof. apt. Diana Laila Ramatillah, M.Farm, Ph.D, Vice Rector I for Academic Affair & Professor, Department of Clinical Pharmacy, Universitas 17 Agustus 1945 Jakarta Indonesia

5.3 Speech by Keynote speaker - Dr. Sharadendu Bali, MBBS, MS, PhD



Dr Sharadendu Bali, MBBS, MS, PhD Professor General Surgery, Teerthankar Mahavir Medical College, Moradabad, India

5.4 Speech by Keynote speaker – Prof. Dr. Nalini Kanta Sahoo



Prof. Dr. Nalini Kanta Sahoo, Dean, Faculty of Pharmaceutical sciences, RAMA University India

5.5 Speech by Keynote speaker – Prof. Dr. Palanirajan Vijayaraj Kumar



Prof. Dr. Palanirajan Vijayaraj Kumar, Head of the Department, Department of Pharmaceutical Technology, UCSI University Malaysia

5.6 Speech by Keynote speaker - Prof. Dr. Drs. Yufri Aldi, M.Si. Apt



Prof. Dr. Drs. Yufri Aldi, M.Si. Apt, Vice-Dean, Faculty of Pharmacy, Andalas University, Padang Indonesia

5.7 Speech by Keynote speaker – Professor Mahmoud Abbasi



Professor Mahmoud Abbasi, Lawyer and university Professor, President of Medical Ethics and Law Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran

6. Group Photo



7. Inaugural Programme

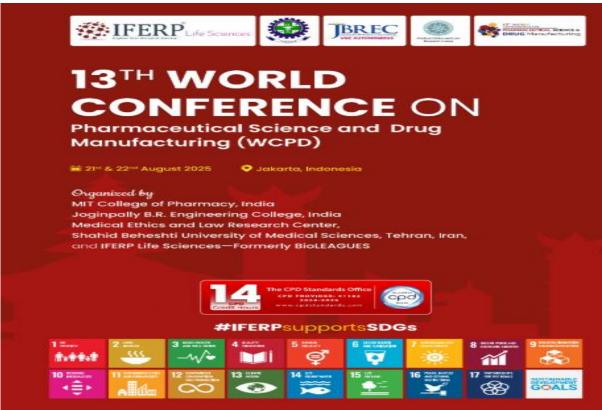
The inaugural program of the 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), Jakarta, Indonesia on 21st & 22nd August, 2025, conference sets the tone for the entire event, providing an opportunity to introduce the theme, objectives, and key participants. The inaugural program included inaugural addresses, proceedings release, Momento ceremony & Institutional Membership Benefits etc. The inaugural program was a crucial part of the conference, serving to welcome and engage participants, set the context for discussions, and recognize the contributions of key individuals.

8. Conference Proceedings Book Release

The 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025) Conference proceedings was a comprehensive collection of the papers presented at the 13th WCPD – 2025. The Conference Proceedings serve as a valuable record of the research and discussions that occurred during the 13th WCPD – 2025 conference, providing insights into current trends, innovations, and the future direction of Pharmaceutical Science and Drug Manufacturing.

On behalf of the organizing committee of the 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), the conference proceedings was released.





https://www.iferp.in/past-conferences.php

9. Momento Ceremony

The conference speakers, session speakers, & session chairs were awarded with Momentos.



10. Technical Presentation Sessions

10.1 Technical Presentation Session 1 A

10.1.1 Speech by Session Speaker Dr. Ridha Sefina Samosir



Dr. Ridha Sefina Samosir, S.
Si., M. Kom
Associate Professor
Department of Computer
Science
Universitas Kalbis
Iakarta. Indonesia.

10.1.2 Speech by Session Speaker Dr. Ir. H. Pawenary



Dr. Ir. H. Pawenary, S.T., MT., M.P.M., IPU., ASEAN Eng., ACPE

Associate Professor, Universitas Esa Unggul President Director, Pusdiklat Listrik Indonesia

Director, PT. Simenteknindo

Jakarta, Indonesia.

10.1.3 – 10.1.5 Total 5 Scientific Presentations were presented in the Technical Presentation Session 1 A

11. Technical Presentation Sessions

11.1 Technical Presentation Session 2 A

11.1.1 Speech by Session Speaker Dr. Palanisamy Sivanandy



Dr. PALANISAMY SIVANANDY,
Programme Director - Master in Pharmacy
Practice,
Senior Lecturer,
School of Pharmacy,
IMU University,
Malaysia.

11.1.2 Speech by Session Speaker Prof. Dr. Sandile Khamanga



Prof. Dr. Sandile Khamanga,Dean,
Faculty of Pharmacy,
Rhodes University
South Africa

11.1.3 Speech by Session Speaker Dr. Aliasgar Shahiwala



Dr. Aliasgar Shahiwala,
Director, Research,
Professor, Department of
Pharmaceutical Sciences,
College of Pharmacy, Dubai Medical
University

11.1.4 – 11.1.10 Total 103 Scientific Presentations were presented in the Technical Presentation Session 2 A

12. Award Ceremony - Best Paper Presentation Awards



Photo	Name	Paper Title
	Nur Zafifa Kamarunzaman	The Power of Support and Psychological Safety in Enhancing Team Adaptability Among Law Enforcement Teams

Saifullah M	NutriScan AI: A GPT- Powered Clinical Tool for Real-Time Food Label Risk Assessment and Personalized Multilingual Nutrition Guidance
Mohamad Nizam Nazarudin	Bridging Policy and Practice: A Quantitative Analysis of Sustainable Sports Participation and Institutional Implementation in Higher Education in Sichuan, China
Dr Madhu B K	AI-Driven Threat Modelling for Vulnerable inputs



Nashielly Yarzabal Coronel

STEAM and the Textile Recycling Revolution; Towards a Sustainable Future

13. Valedictory Function

13.1 Conference - Conclusion Summary

The 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), held on 21st & 22nd August, 2025, at Jakarta, Indonesia, organized by Organized by MIT College of Pharmacy, Joginpally B.R. Engineering College, India, Medical Ethics and Law Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran, and IFERP Life Sciences brought together a diverse group of experts, practitioners, and enthusiasts from various fields. The central theme of the conference was "Revolutionizing Pharmaceutical Science: From Research to Manufacturing Excellence" and it successfully fostered a collaborative environment for sharing knowledge, insights, and advancements to achieve SDGs.

Key Highlights:

The conference commenced with an inspiring Special Guest of Speech by Mr. Siddth Kumar Chhajer, MD & Founder, Technoarete Group, who emphasized the importance of multidisciplinary conferences, collaboration and innovation, QS University World Rankings and Times Higher Education (THE) University World Rankings. Keynote Speakers highlighted the recent breakthroughs and the potential for future developments in Multidisciplinary and Current Educational Research.

Research Presentations:

Over 274 research papers were presented, covering a wide range of topics. These presentations showcased cutting-edge research and fostered lively discussions.

Networking Opportunities:

The conference facilitated numerous networking events, allowing attendees to connect with peers, potential collaborators, and industry leaders. The virtual and in-person networking sessions were particularly well-received, enhancing professional relationships and sparking new partnerships.

Achievements and Outcomes:

- Several new collaborative initiatives were announced, aiming to address global challenges. These initiatives will leverage the collective expertise and resources of participating organizations.
- Publication of Proceedings including the conference proceedings, including research papers and keynote addresses, will be published. Future Conferences: Plans for the next conference were discussed, with suggestions for topics and formats that could further enhance engagement and impact.

Closing Remarks:

In the closing session, IFERP Life Sciences expressed its gratitude to all the participants, academic partners, sponsors, and organizers. IFERP Life Sciences highlighted the conference's success in achieving its objectives and underscored the importance of continued collaboration and innovation. Attendees left with a sense of accomplishment and a renewed commitment to advancing in their fields.

The conference concluded on a high note, with participants energized and motivated to apply the insights gained to their respective fields. The event not only celebrated current achievements but also set a forward-looking agenda for future research and development.

14. Vote of Thanks

Dear Researchers, Academicians & Students,

As we draw to the close of this remarkable 13th World Conference on Pharmaceutical Science and Drug Manufacturing (13th WCPD-2025), it is our honor and privilege to extend a vote of thanks on behalf of the organizing committee. Today has been a day filled with insights, inspiration, and invaluable networking opportunities, and none of this would have been possible without the collective efforts of many individuals and organizations.

Firstly, we would like to express our deepest gratitude to our esteemed speakers. Your expertise, thoughtful presentations, and engaging discussions have been the highlight of this conference. You

have not only enlightened us with new knowledge but have also inspired us to think critically and creatively about the challenges and opportunities in our field.

A special thanks to our dedicated organizing committee and volunteers. Your hard work behind the scenes, meticulous planning, and tireless efforts have ensured that everything ran smoothly. Your passion and dedication are truly commendable, and this event could not have happened without you. We are also grateful to our attendees. Your active participation, thoughtful questions, and enthusiastic engagement have added great value to this conference. It is your eagerness to learn and share that makes the events like this so rewarding and worthwhile.

We would like to acknowledge the venue staff for their excellent service and hospitality, providing us with a comfortable and conductive environment for our discussions and networking.

Finally, I want to thank everyone who has contributed, in big ways and small, to the success of this conference. Whether you were a speaker, sponsor, attendee, or volunteer, your involvement has been crucial.

As we conclude, let us take with us the knowledge we have gained, the connections we have made, and the inspiration to drive forward in our respective fields. We look forward to seeing you at future conferences and continuing these valuable conversations.

15. Conference Glimpses









16. General Comments & Feedbacks

Overall Comments of the Participants:

- Organizing and Coordination of the conference was excellent and professional.
- Speakers were no doubt enriching.
- Overall, an excellent International Conference.
- The introduction of the conference program was so effective that it distracts you from the research topic
- Keynote speakers talks were worth listening.
- Issues were resolved carefully.