

2026 AUA AI-inspired Stem Cell Technology and Nanoengineering

Program Information

Program Name	2026 AUA AI-inspired Stem Cell Technology and Nanoengineering
Host University	Universitas Indonesia (Host)
Mode	Hybrid (onsite and online)
Date	July 29 th - 30 th , 2026
Expected Outcomes	<ol style="list-style-type: none"> 1. Give opportunities for academic staff and students from AUA member universities as well as non-AUA member universities to study the development of AI-inspired stem cell technology and nanoengineering as one of the emerging modalities to tackle global health burden in Asia. 2. Give opportunities for academic staff and students from AUA member universities as well as non-AUA member universities to talk and to make direct discussion with oral or poster presentations at the academic conference. 3. Give opportunities for selected oral or poster presentation materials to be published as full length articles in one of UI's journals.
Program Schedule	See Appendix I
Eligible Participants	Students, academicians, researchers, government employees, and industrial practitioners from AUA and Non-AUA member universities or organizations.
Research Scopes	<ul style="list-style-type: none"> ● AI in Stem Cell Research ● AI in Stem Cells Clinical Application ● AI in Stem Cell Industry ● Nanoengineering Principles for Stem Cell Research ● Nanoengineering Practices in Clinical Application ● Nanoengineered Stem Cell Products
Abstract Submission Requirement	The abstract should consist of no more than 300 words. Template of Abstract could be downloaded via this link bit.ly/AUA_AbstractTemplate
Important Dates	Registration/ Abstract Submission Deadline: July 15 th , 2026 Notification of Abstract Acceptance: July 20 th , 2026
Program Fees	AUA Member: Free Non-AUA Member: - Indonesian participant: IDR 300.000

	- International participant: USD 65 List of AUA Member: See Appendix II
Registration Link	https://s.id/2026AUAAcademicConference
Contact Information	Email: scte.imeri@gmail.com WhatsApp: - +62 895 4041 60607 (CP Yura) - +62 857 2518 8400 (CP Visit)

Appendix I

Tentative Schedule

Day 1: Wednesday, 29 th July 2026	
Time	Agenda
09.00 AM – 10.00 AM	Welcome Address <ul style="list-style-type: none"> • Prof. Debora Eflina Purba, S.S., M.Si., Ph.D. – Director of Research Ecosystem and Funding, Universitas Indonesia • Prof. Dr. dr. Anna Rozaliyani, M.Biomed., SpP(K) – Dean of Faculty of Medicine, Universitas Indonesia • dr. Sita Laksmi Andarini, SpP(K), Ph.D. – Director of IMERI • dr. Radiana D.A., M.Biomed., AHK(K), Ph.D. – Head of STELLAR/Organizing Committee
10.00 AM – 11.00 AM	Keynote Speech Session 1: AI-inspired Stem Cell Technology <ul style="list-style-type: none"> • Assoc. Prof. Shaohua Ma – Tsinghua Shenzhen International Graduate School, Tsinghua University (TBC) • Moderator: Prof. Jeanne Adiwinata Pawitan, M.S., Ph.D.
11.00 AM – 12.00 AM	Oral/Poster Presentation Day 1, Session 1 Jury: <ul style="list-style-type: none"> • dr. Ahmad Aulia Jusuf, AHK(K), Ph.D. • Dr. dr. Wahyunia L.S., M.Biomed., AHK(K)
12.00 AM – 13.00 PM	Lunch Break
13.00 PM – 14.00 PM	Parallel Session Day 1 Parallel Session A (3 speakers)

	<p>AI in Stem Cell Research</p> <ul style="list-style-type: none"> • Assoc. Prof. Ameer Mahmood – King Saud University (TBC) • Prof. Sherif Karam (UAEU Stem Cell Research Centre) (TBC) • Moderator: dr. Dewi Sukmawati, M.Kes., Ph.D.
	<p>Parallel Session B (3 speakers) AI in Stem Cells Clinical Application</p> <ul style="list-style-type: none"> • Prof. Dr. dr. Ismail H.S. Dologo, SpOT(K) – Universitas Indonesia • Dr. dr. Telly Kamelia, SpPKP – Universitas Indonesia • Moderator: dr. Chyntia Olivia Maurine Jasirwan, S.H., MARS., Ph.D., SubSp GEH
	<p>Parallel Session C (3 speakers) AI in Stem Cell Industry</p> <ul style="list-style-type: none"> • Prof. Hanry Yu – National University of Singapore (TBC) • Prof. Goo Jang – Seoul National University (TBC) • Moderator: Prof. Muhamad Nasir, Ph.D.
14.00 PM – 15.00 PM	<p>Oral/Poster Presentation Day 1, Session 2 Jury:</p> <ul style="list-style-type: none"> • dr. Isabella K. Liem, PAK., Ph.D. • Dr. dr. Indra Kusuma, M.Biomed
Day 2: Thursday, 30th July 2026	
09.00 AM – 10.00 AM	Social Gathering and Cultural Reception
10.00 AM – 11.00 AM	<p>Keynote Speech Session 2: Nanoengineering</p> <ul style="list-style-type: none"> • Prof. Sheng Ding, Ph.D. – Tsinghua University School of Pharmaceutical Science (TBC) • Moderator: Prof. drg. Endang Bachtiar, M.Biomed., Ph.D., PBO.
11.00 AM – 12.00 AM	<p>Oral/Poster Presentation Day 2, Session 3 Jury:</p> <ul style="list-style-type: none"> • dr. Rahimi Syaidah, Ph.D. • dr. Imelda Rosalyn Sianipar, M.Biomed., Ph.D.

	<ul style="list-style-type: none"> • Dr. dr. Adisti Dwijayanti, M.Biomed
12.00 AM - 13.00 PM	Lunch Break
13.00 PM -14.00 PM	Parallel Session Day 2
	Parallel Session A (3 speakers) Nanoengineering Principles for Stem Cell Research <ul style="list-style-type: none"> • Assoc. Prof. Dr. Thamir Selvee Ramasamy - Universiti Malaya (TBC) • Prof. Dr. Xia Wang - Tsinghua University School of Medicine (TBC) • Moderator: dr. Astrid Feinisa Khaerani, M.Kes., AHK(K), Ph.D.
	Parallel Session B (3 speakers) Nanoengineering Practices in Clinical Application <ul style="list-style-type: none"> • Prof. Dr. Yendry Ventura - Abu Dhabi Stem Cells Centre (ADSCC) (TBC) • Prof. Dr. Rahul Purwar - Indian Institute of Technology Bombay (TBC) • Moderator: Dr. dr. Tri Hening Rahayatri, SpB., SubSpA
	Parallel Session C (3 speakers) Nanoengineered Stem Cell Products <ul style="list-style-type: none"> • Prof. Pithi Chanvorachote - Chulalongkorn University (TBC) • Prof. Dr. Du Yanan - Tsinghua University School of Medicine (TBC) • Moderator: Prof. Dr. Wahyu Widowati, S.Si., Apt., M.Kes.
14.00 PM - 15.00 PM	Award Announcement & Closing Ceremony
End of Program	

Appendix II

List of AUA Member Universities (in alphabetical order)

1. Chulalongkorn University
2. The Hong Kong University of Science and Technology
3. Indian Institute of Technology Bombay
4. King Saud University
5. National University of Singapore
6. Nazarbayev University
7. Peking University
8. Seoul National University
9. Tsinghua University
10. United Arab Emirates University
11. Universitas Indonesia
12. Universiti Malaya
13. University of Colombo
14. The University of Tokyo
15. University of Yangon

2026 AUA AI-inspired Stem Cell Technology and Nanoengineering Academic Conference

The 2026 AUA AI-inspired Stem Cell Technology and Nanoengineering Academic Conference will take place from July 29 to 30 2026, at the Hall & Auditorium IMERI, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia. Hosted by the Faculty of Medicine, Universitas Indonesia, the academic conference is an interactive and comprehensive learning experience designed to expand the frontier science for master and doctoral students as well IMERI researchers to the field of stem cell especially AI-inspired stem cells technology and nanoengineering.

Participants will get the opportunity to understand important concepts, recent developments, and potential clinical applications in the field of AI-inspired stem cells technology and nanoengineering. Attendees will get the chance to learn from expert professors, associate and assistant professors from members of AUA universities as accomplished resource person in AI-inspired stem cells technology and nanoengineering through engaging academic conference and interactive oral/poster competition.

Research Scopes:

- AI in Stem Cell Research
- AI in Stem Cell Clinical Application
- AI in Stem Cell Industry
- Nanoengineering Principles for Stem Cell Research
- Nanoengineering Practices in Clinical Application
- Nanoengineered Stem Cell Products

Abstract Submission

An abstract of no less than 300 words should be written around the above-mentioned scopes. Template of abstract can be downloaded via this link bit.ly/AUA_AbstractTemplate

Submissions should be made through the following link at <https://s.id/2026AUAAcademicConference> the deadline of July 15, 2026.

Registration and Fees

Registration and conference fee will be charged for this forum, except for participants from Asian Universities Alliance (AUA) member universities. Participants are responsible for their own round-trip transportation and accommodation costs, along with visa application (if applicable). The host organization will provide lunch on the days of the event.

The registration fee standards are as follows:

Type of Participant	Price
Indonesian Participant	IDR 300.000
International Participant	USD 65

Contact Information

Should you have any questions or require further information about the forum, please contact the Organizing Committee through the following means:

Email: scte.imeri@gmail.com

WhatsApp:

- +62-895-4041-60607 (CP Yura)
- +62-857-2518-8400 (CP Visit)