



## Final Announcement

**The 7<sup>th</sup> International Conference on Integration of Science and Technology for Sustainable Development (7<sup>th</sup> ICIST) in November 26-29, 2018  
at The Patra Bali Resort and Villas, Bali, Indonesia**

### INVITATION

On behalf of the Organizing Committee, I cordially invite you to participate in the 7<sup>th</sup> International Conference on Integration of Science and Technology for Sustainable Development 2018 (ICIST2018) which will be scheduled in November, 26-29, 2018. The theme of the Conference is “Water conservation, Biological Diversity, Food Safety and Agriculture”. The venue of the Conference is The Patra Bali Resort & Villas, Bali, Indonesia. Conference committee will provide perfect conference facilities and every effort we can make. The Organizing Committee will ensure you a scientifically informative conference and an unforgettable stay in Indonesia. Room booking, field trip and transport will be directly reserved and contacted to email: [icist2018@khamabalitravel.com](mailto:icist2018@khamabalitravel.com) and booking must be confirmed not later than 30 September 2018.

Please note this invitation is only to facilitate you to apply your entry visa and attend the conference, but not imply any financial assistance.

I look forward to see you in Indonesia.

Yours sincerely,



Kasem Soyotong  
President

Association of Agricultural Technology in Southeast Asia (AATSEA)



### Final Announcement

**The 7<sup>th</sup> International Conference on Integration of Science and Technology for Sustainable Development (7<sup>th</sup> ICIST) in November 26-29, 2018  
at The Patra Bali Resort and Villas, Bali, Indonesia**

**The theme of the Conference is “Water conservation, Biological Diversity, Food Safety and Agriculture”**

#### Organized by

Association of Agricultural Technology in Southeast Asia (AATSEA); King Mongkut’s Institute of Technology Ladkrabang, Thailand; Rajamangala University of Technology Tawan-o, Thailand; Rambhai Barni Rajabhat University, Thailand; ATQ, Tuem, Hanoi, Vietnam; CGC Organic Coffee, Champasack, Laos; Society of Applied Biotechnology, India; Mahasarakham University, Thailand; Foundation of Environmental Education, Thailand, CAS Asian Agriculture Bio Engineering, China.

**Local organizer:** Faculty of Agriculture, University of Bengkulu, Indonesia

## CALL FOR PAPERS

### INTRODUCTION

The integration of various topics in biological science and technology in agriculture is needed for sustainable development of human being. As being a resource of knowledge, AATSEA realizes its responsibility to serve the community by providing education, research and development in biological science and technology, particularly in the multi-disciplinary aspects. Accordingly, this conference will be held in order to initiate an international network among academic members, researchers, scientists and interesting peoples in science and technology. It will be aimed to a venue for knowledge exchange and discussion among those seeking for new vision and insight in all topics related. For the technical point of view, the conference will explore various topics as follows:- Agriculture related to biological sciences, biotechnology, biochemistry, genetics, molecular biology, engineering, plant sciences (agronomy, horticulture, postharvest, animal science, aquaculture, biological control, entomology, food sciences, plant pathology, soil science, economics, extension, rural development, sustainable agriculture and environmental science.

## CALL FOR PAPERS

The organizing committee cordially invite you to submit the abstract of 1 page. The registration form and abstract (**not more than 300 words**) of A4 form are available for downloading at [www.aatsea.org](http://www.aatsea.org)

**Please online registration and submit the abstract and full paper through our web page.**

**Full manuscript must follow our IJAT Template as attached file and can be download from [www.aatsea.org](http://www.aatsea.org)**

International Journal of Agricultural Technology (IJAT)-ISSN 2630-0192 (Online). The journal currently publishes six issues per year (January, March, May, July, September November). IJAT will also be published the special issue of conference publication from International Conference on Integration of Science and Technology for Sustainable Development (ICIST) under peer-review the original article as regular issues which annually organized by AATSEA. IJAT is indexed by Scopus, Thai-Journal Citation Index (TCI); ASEAN Citation Index (ACI) database, 2015; CAB International Full Text database (PDF Files) and SciFinder-Chemical Abstracts Service (CAS).

Any questions, please be kindly directly forwarded **ICIST Secretariat:**  
[icist.secretariat@gmail.com](mailto:icist.secretariat@gmail.com)

### Schedule of activities:

<del>First Announcement</del>	<del>March 2018</del>
<del>Second Announcement</del>	<del>May 2018</del>
Final Announcement	July 2018
Early registration with abstract submission	Before 15 August 2018
Late registration	Before 15 September 2018
Full manuscript submission	Before 15 September 2018

### **For further inquiries, please contact:**

Web page: [www.aatsea.org](http://www.aatsea.org)

ICIST 2018 Secretariat: [icist.secretariat@gmail.com](mailto:icist.secretariat@gmail.com)

## Registration & Paper Submission Form

Please type clearly in block letters

Title: Mr./Ms/Dr. First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Nationality \_\_\_\_\_ Occupation : \_\_\_\_\_

Institution / company : \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Country: \_\_\_\_\_ e-mail: \_\_\_\_\_

Presentation :  Oral (15-20 minutes)

Poster (33 inches x 47 inches) AO size

Title: \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

### Registration for Foreigners

Participants	Early registration (USD/person) Before 15 August 2018	Late Registration (USD/person) Before 15 September 2018	Onsite registration (USD/person) 26 November 2018
Participant	200	250	300
Student	150	200	250
Follower	150	200	250

Please kindly make payment directly into any of our accounts below:

Bank Name: **Bangkok Bank Co.Ltd. , Thailand**

Address: 999 Tambol Bangpree Yai, Amphur Bangpree, Samutprakarn province 10540, Thailand

Swift Code: **BKKBTHBK**

Account Name: **AATSEA**

Savings Account No: **862-013355-6**

**OR**

Contact us if you prefer to use Western Union through to **Miss Rungrat Vareeket, Bangkok, Thailand, Citizen ID Card No: 3220200206373** and send transfer copy to email:

[ICIST2018.secretariat@gmail.com](mailto:ICIST2018.secretariat@gmail.com)

Please contact us if you have any question. Please kindly send us, an e-mail after making payment and attached documents (if any), and kindly be stated your title of manuscript and Corresponding authors and addresses.

### Registration for Local Participants

Participants	Early registration (USD/person) Before 15 August 2018	Late Registration (USD/person) Before 15 September 2018	Onsite registration (USD/person) 26 November 2018
Participant	160	175	200
Student	130	150	180
Follower	130	150	180

Local participants must be also online registration through [www.aatsea.org](http://www.aatsea.org).

Please make payment directly to Bank account : Nanik Setyowati, Account No: 069634111 or contact Dr. Nanik Setyowati : [nanik\\_ICIST2018@unib.ac.id](mailto:nanik_ICIST2018@unib.ac.id)

Registration fee includes the **scientific program, coffee break, lunch and conference dinner.**

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# 7th

# ICIST 2018



# IN BALI

## BOOKING

## Hotel & Optional Tours

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### GUIDANCE FOR HOTEL RESERVATION, TRANSPORTATION AND FIELD TRIPS

Room booking, field trip and transport will be directly reserved and contacted to email: [icist2018@khamabalitravel.com](mailto:icist2018@khamabalitravel.com)

Room reservation and booking must be confirmed not later than **30 September 2018**

#### **Hotel Reservation**

Please reserve room directly to hotel which must be stated “ICIST 2018” **before 30 September 2018**

Hotels including breakfast	Room Rate	Price (USD)	No of rooms
The Patra Bali Resort and Villas (conference venue)	Single	90 USD	
	Double room – twin share	45 USD	
	Triple share room	43 USD	
Grand Ixora Hotel	Single	50 USD	
	Twin share	25 USD	
	Triple share	25 USD	
Quest Kuta Hotel	Single	50 USD	
	Twin share	25 USD	
	Triple share	25 USD	
Fave Kartika Hotel	Single	50 USD	
	Twin share	25 USD	
	Triple share	25 USD	

## **Field Trips**

One day trip : 29 November 2018	55 USD
	Transport by bus + guide Entrance fee Mineral water and snack Visiting Jati Luwih (Agrowisata) Visiting Beratan Lake (Ulun Danu) Visiting Sreet Garden and lunch Visiting GWK and dinner 1 X Buffet dinner 1 X Buffet dinner Culture Show (Amphi Theatre)
One day cruise	70 USD
	Return transfer by cruise ship to Lembogan Island Morning tea and coffee with breakfast International buffet lunch 44 meters water slide Unlimited banana boat rides Aqua board Snokling Canoeing Semi submarine Village tour Full day activities above and below the water
Half day tour	30 USD
	Sight seeing to GWK Sight seeing to Uluwatu temple and watching the kecak dances Lunch at jambaran

## **Optional Transportation :-**

Airport to hotel	12 USD (IDR 150,000 net/pax)
Hotel to airport	12 USD
Hotel to venue	8 USD (IDR 100,000 net/pax)
Venue to hotel	8 USD

## **Payment and Billing Instruction**

One night deposit should be settled upon booking is confirmed, and the balance payment should be settled by the latest one month prior arrival.

Payment must be made in cash or bank transfer through our account as follows:

**Account Payment : KHAMA BALI TRAVEL**

**Account Name: KSU. KHARISMA MADANI**

**Bank name: BNI(Bank Negara Indonesia)**

**IDR (Rupiah) Account No: 0371 371 370**

**Address: Gatot Subroto Barat – Denpasar – Bali**

**SWIFT CODE: BNINIDJA**

Note: Please send or email a copy of bank transfer to Khama Bali Travel at Email:

[icist2018@khamabalitravel.com](mailto:icist2018@khamabalitravel.com)

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# International Advisory Committee

Chairman: Prof. Dr. Timo Korpela (Finland)

Vice Chairman:

Dr. Ridwan Nurazi (Rector/President, the University of Bengkulu, Indonesia)  
Prof. Dr. Fucheng Lin, Zhejiang University (China)  
Ms. Yi Zhao, CAS Asian Agriculture Bio Engineering (China)  
Mr. Young Ah Choi, CGC (Republic of Korea)  
Prof. Dr. Devarajan Thangaduri (India)  
Prof. Dr. Akira Suzuki (Japan)  
Prof. Dr. Teodoro C. Mendoza (Philippines)  
Prof. Dr. Robert McGovern (USA)  
Prof. Dr. Suchatvee Suwansawat, Rector, KMITL (Thailand)  
Asst. Prof. Waigoon Tongaram, President of Rambhai Barni Rajabhat University (Thailand)  
Dr. Prayon Wongchantra, Foundation of Environmental Education , Mahasarakham University  
President, RMUTTO, (Thailand)  
Nguyen The Quyet, ATQ (Vietnam)  
Prof. Dr. Sampan Liphidej, Mahasarakham University (Thailand)  
Prof. Dr. Cynthia C. Divina (Philippines)  
Mr. Sineoky P. Sergei (Russia)  
Dr. Somlit Vilavong (Laos)

Committee

Asst. Prof. Dr. Chukeatirote, Ekachai (Thailand) BioScience	Assoc. Prof. Dr. Bhat, Rajeev (Malaysia) Food Technology
Assoc. Prof. Dr. Danesh, Y.R. (Iran) Plant Protection	Prof. Dr. Cisia Chkhubianishvili (Goregia) Biotechnology
Prof. Dr. Hiroyuki Konuma (Japan) Agriculture	Prof. Dr. Goltapeh, E. Mohammadi (Iran) Plant Pathology
Prof. Dr. Hyde, Kevin D. (UK) Mycology	Prof. Dr. Hong, Le Thi Ahn (Vietnam) Agricultural Genetics and Biotechnology
Prof. Dr. John C. Moreki (Botswana) Non-Ruminant Nutrition	Prof. Dr. Jayabalan, Narayanasamy (India) Plant Science
Prof. Dr. Kanokmedhakul Somdej (Thailand) Chemistry	Prof. Dr. Juokslahti Tapio (Finland) Biotechnology
Prof. Dr. Khaled Rashed (Egypt) Biotechnology	Dr. Kathirbelu Baker (India) Entomology
Prof. Dr. Kolombet Lyubov (Russia) Applied Microbiology	Assoc. Prof. Dr. Klajing, Vinai (Thailand) Agricultural Engineering
Prof. Dr. Qamaruddin Chachar (Pakistan) Cell Physiology	Prof. Dr. McKenzie Eric (New Zealand) Mycology
Assoc. Prof. Dr. Saha Aniruddha (India) Molecular Plant Pathology and Fungal Biotechnology	Prof. Dr. Riad Sedki Riad El-Mohamedy (Egypt) Plant Pathology
Dr. Huyly Tan (Cambodia) Plant Pathology	Prof. Dr. Sahayaraj Kitherian (India) Advanced Zoology and Biotechnology
Prof. Dr. Tarakanov (Russia) Plant Biotechnology	Prof. Dr. Sridhar Kandikere R. (India) Microbiology and Biotechnology
Dr. Phrattaporn Soyong (Thailand) Environment	Assoc. Prof. Dr. Chaiwat To-anun (Thailand) Plant Pathology
Assoc. Prof. Dr. Vidhaya Trelo-ges (Thailand) Biology	



## International Organizing Committee

Chair: Assoc. Prof. Dr. Kasem Soyong (Thailand)  
Vice-chair: Prof. Fucheng Lin (China)  
Prof. Dr. Suzuki, Akira (Japan)  
Prof. Dr. Riad El-Mohamedy (Egypt)  
Prof. Dr. Devarajan Thangaduri (India)  
Dr. Samantha C. Karunaratna ( Sri Lanka)  
Asst.Prof. Dr. Preeyanan Sittijinda (Thailand)

## Committee

Prof. Dr. Somdej Kanokmedhakul (Thailand)  
Prof. Dr. John Moreki (Botswana)  
Prof. Dr. T.S.S.K. Patro (India)  
Assoc. Prof. Dr. Younes Rezaee Danesh (Iran)  
Prof. Dr. Okigbo, Raphael (Nigeria)  
Dr. Saithong Kaewchai (Thailand)  
Mr. Chen Yi Sung (Taiwan)  
Dr. Huyly Tann (Cambodia)  
Dr. Jakrapan Wongpa (RBRU, Thailand)  
Dr. Pailyn Thongsanitgarn (RBRU, Thailand)  
Asst. Prof. Dr. Ajchara Bunroj (RBRU,Thailand)  
Dr. Sutisa Chaikul (RBRU,Thailand)  
Asst. Prof. Dr. Sureemas Sukkasi (RBRU,Thailand)  
Assoc. Prof. Dr. Pakkapong Pongsuk (Thailand)  
Prof. Dr. Sampan Littidej, President, Mahasarakham University (Thailand)  
Dr. Phattraporn Soyong (Burapha University, Thailand)  
Asst. Dr. Lampan Khurnpoon ( KMITL, Thailand)  
Asst. Prof. Dr. Adisak Singsewo (Mahasarakham University, Thailand)  
Dr. Wannasakpijitr Boonserm (Mahasarakham University, Thailand)  
Asst. Prof. Dr. Virapol Jamsawat (Thailand)  
Dr. Chongko Saetung (Thailand)  
Dr. Bancha Wiangsamut (Thailand)  
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Mr. Di Ma, CAS (China)  
Dr. Laitha Ravikumar (India)  
Dr. Somyot Detpiratmongkol (Thailand)  
Dr. Sampan Promhom (Thailand)  
Dr. Somporn Na-Nakorn (Thailand)  
Dr. Chaiyasit Preecha (Thailand)  
Dr. Au-Are Suksommit (Suphanburi Collee of Agriculture, Thailand)  
Dr. Kannikar Charoensuk (RMUTTO, Thailand)  
Dr. Amornrat Suwanposri (RMUTTO, Thailand)  
Dr. Boondarika Sumana (RMUTTO, Thailand)  
Dr. Naruemon Mongkontanawat (RMUTTO, Thailand)  
Dr. Wichai Supralucksana (KMITL, Thailand)  
Dr. Wimonmat Boonme (KMITL, Thailand)  
Dr. Sararat Monkhung (Silpakorn University, Thailand)

**General Secretariats:** Ms. Jiaojiao Song, Ms. Rujira Tongon

**Vice-general Secretariat:** Dr. Wikanya Prathumyot

### **Local Organizing Committee**

**Advisory Committee:** Dr. Fahrurrozi

**Chair:** Prof. Dr. Nanik Setyowati

**Co-Chair:** Dr. Dwi Wahyuni Ganefianti , Ir. Dewa Nyoman Sadguna, M.Agb.

**Vice Chair:** Dr. Dwatmadji, Prof. Dr. Zainal Mukhtar

#### **Master of ceremonies**

**Indonesia staff:** Dr. Heri Dwi Putranto, Ms. Juwita

**AATSEA Staff:** Dr. Jakrapan Wongpa (RBRU, Thailand)

#### **Registration:**

**Indonesia Staff:** Tatik Suteky, MSc., Ir. A A Putri Risa Andriani, MSi., Dr. Ir. Ni Made Ayu Gemuh Rasa Astiti, MP., Person Pesona Renta, MSc.

**AATSEA Staff:** Ms. Jiaojiao Song, Ms. Mongkutkarn Udompongsuk , Ms. Pannapa Sopchoke,

#### **Financial management**

**Indonesia Staff:** Dr. Damres Uker, Ms. Trisnawati

**AATSEA Staff:** Ms. Rujira Tongon (Thailand), Ms. Jiaojiao, Song(China), Ms. Zhao, Yi (China), Mr. Sitichai Chuewboon, Thailand)

#### **Ticket reservation and transportation**

**Indonesia Staff:** Dr. Catur Herison, Ms. Lucy Anna, Mr. Nyoman Sudarma, SE., Ms. Eka Darmayanti, SE.

**AATSEA Staff:** Ms. Rungrat Vareeket

#### **Food & Coffee break, reception and welcome dinner:**

**Indonesia Staff:** Dr. Rustikawati, Ms. Lucy Anna, Ms. Mitha, Ms. Minah, Ms. Githa Saraswati, SE.

**AATSEA Staff:** Ms. Rujira Tongon, Ms. Rungrat Vareeket

#### **Documentation - Photograph & Video record:**

**Indonesia Staff:** Mr. I Komang Supardika, Mr. Agus Juliantara, Mr. Made Takuma

**AATSEA Staff:** Dr. Wikanya Prathumyot

#### **Proceedings and souvenirs:**

**Indonesia Staff:** Dr. M. Chozin, Ms. Juwita

**AATSEA Staff:** Asst. Prof. Dr. Supattra Poeaim, Ms. Rujira Tongon, Ms. Jiaojiao Song

#### **Audiovisual aid and Sub-session Conveners**

**Indonesia Staff:** Prof. Widodo, Mr. Gede Budi Astrawan & Hotel Team

**AATSEA Staff:** Mr. Sarayos Puangkrasaer, Mr. Akarat Jantub, Mr. Sommart Yoosukyingsataporn, Mr. Suchart Chayhard, Mr. Wipat Wittayanukorn

#### **Entertainment & IT:**

**AATSEA Staff:** Asst. Prof. Dr. Virapol Jamsawat, Dr. Bancha Wiangsamut

#### **Indonesia Staff:**

Ms. Ni Made Defy Janurianti

Mr. Krisnawan Kalimutu

Mr. I Kadek Eko Ariyadi

Ms. Ni Putu Laras Berliana Cahayani

Ms. Ni Made Ayu Wulandari

Ms. Wiwik Wahyuni

**Flags presentation:** manager - Ms. Rujira Tongon (Thailand)

**Indonesia staff:**

Ms. Ni Made Defy Janurianti  
Mr. Krisnawan Kalimutu  
Mr. I Kadek Eko Ariyadi  
Ms. Ni Putu Laras Berliana Cahayani  
Ms. Ni Made Ayu Wulandari  
Ms. Wiwik Wahyuni  
Mr. I Komang Supardika  
Mr. Agus Juliantara  
Mr. Made Takuma  
**AATSEA Staff:** 11 persons

**Reception, Hotel reservation and transportation:** Manager – Ms. Ratna Dewi

**Working Staff:** Tatik Suteky, MSc., Ms. Lucy Anna, Ms. Mitha, Ms. Githa Saraswati, SE., Mr. Nyoman Sudarma, SE., Mr. Ojas Govardhana

**Field Trip**

Dr. Heri Dwi Putranto  
Mr. Nyoman Sudarma, SE  
Mr. Ketut Suryawan  
Amir Husaini Karim Amrullah, S.Pt., M.Sc.

**Oral presentation management:**

**Indonesia Staff:**

Dr. Dwatmadji  
Prof. Nanik Setyowati  
Dr. I. Dewa Nyoman Sudita, MP.  
Dr. I Gusti Bagus Udayana  
Dr. I Gusti Agus Maha Putra Sanjaya  
**AATSEA Staff:** Dr. Pailyn Thongsanitgarn, Ms. Rujira Tongon, Ms. Rungrat Vareeket

**Best Oral Presentation Awards Management:** Dr. Pailyn Thongsanitgarn, Dr. Yardrung Suwannart  
Chair and Co-chair in each session will be scored and made decision.

**Best Poster Presentation Awards Management :** Dr. Pailyn Thongsanitgarn, Dr. Yardrung Suwannart  
Chair and Co-chair in each session will be scored and made decision.

**Poster presentation management:**

**Indonesia Staff:**

Dr. M. Chozin  
Prof. Widodo  
Dr. Yohannes Situmeang  
Ir. Ida Bagus Komang Mahardika, M.Si.  
**AATSEA Staff:** Dr. Pailyn Thongsanitgarn, Dr. Boondarika Sumana (RMUTTO, Thailand)  
Ms. Rujira Tongon, Ms. Rungrat Vareeket

**AATSEA Awards Management:** Ms. Jiaojiao Song

**Session Chairpersons**

**Day 1**

Session 1: Prof. Dr. Teodoro C. Mendoza (Philippines), Dr. Devarajan Thangaduri (India), Dr. Bancha Wiangsamut (Thailand)

Session 2: Prof. Dr. Riad Sedki Riad El-Mohamedy (Egypt), Dr. Samantha C. Karunarathna ( Sri Lanka)

Session 3: Prof. Dr. Raphael Okigbo (Nigeria) , Asst. Prof. Dr. Virapol Jamsawat (Thailand)

Session 4: Prof. Dr. Timo K. Korpela (Finland), Assist. Prof. Dr. Wattanachai Pongnak (Thailand)

Session 5: Dr. Younes Danesh (Iran), Dr. Laitha Ravikumar (India), Dr. Saithong Kaewchai (Thailand )

Session 6: Dr. Preeyanan Sittijinda (Thailand), Dr. Pakkapong Pongsuk (Thailand)

### **Day 2**

Session 1: Prof. Dr. Somdej Kanokmedhakul (Thailand), Prof. Dr. T.S.S. K. Patro (India)

Session 2: Prof. Dr. Akira Suzuki (Japan), Dr. Hoang N.D. Pham (Vietnam)

Session 3: Dr. Dwatmadji (Indonesia), Dr. Chongko Saetung (Thailand)

Session 4: Dr. Phattraporn Soyong (Thailand), Dr. Nanik Setyowati (Indonesia), Dr.

Session 5: Dr. Sutisa Chaikul (Thailand), Dr. Nagia Farag Ali Mohamed (Egypt)

Session 6: Dr. Adisak Singsewo (Thailand), Dr. Tatik Suteky (Indonesia)

**Seminar “ brainstorm for Institute (University) of Organic Agriculture (Sustainable Agriculture)**

**Chair: Dr. Kasem Soyong**

**Participants : country representatives**

### **Best Poster Award Committees**

Session 1: Dr. Bancha Wiangsamut (Thailand), Dr. Phan Chí Nghĩa (Vietnam) , Dr. Sutisa Chaikul (Thailand), Dr. Mohammad Chozin (Indonesia), Dr. Widodo Widodo (Indonesia)

Session 2: Dr. Anurug Poeaim (Thailand), Dr. Sigit Sudjtmiko (Indonesia)

Session 3: Dr. Supattra Poeaim (Thailand) , Dr. Somyot Detpiratmongkol (Thailand), Dr. Fahrurrozi Fahrurrozi (Indonesia), Dr. Boondarika Sumana (Thailand)

Session 4: Dr. Auaree Suksomnit (Thailand), Dr. Kunya Tuntivisoottikul (Thailand), Dr. Nissara Kitcharoen (Thailand)

Session 5: Dr. Chaisit Preecha (Thailand), Dr. Ajchara Bunroj (Thailand), Dr. Wikanya Prathumyot (Thailand), Dr. Auraae Suksomnit(Thailand)

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