



Mahidol University
Faculty of Medicine
Siriraj Hospital

SIRIRAJ INTERNATIONAL NEWS

30th Issue October - December | 2020 | to the benefit of mankind |



HNY 2021

Last year had been a struggle one for our friends and colleagues around the world due to the unprecedented invader. We appreciate all the great efforts to save the people from the pandemic. With the solidarity and determination of us all for the sake of global citizen, we will eventually achieve the complete global victory and bring back the world to where it was. For this year we wish you a joyous and healthy year as always.



I do believe the year 2020 is the year where we faced the same problems. The COVID-19 crisis is not just the health problems, but also the financial problems, the social crisis, and the social problems. But, because of working together, at least we can improve the situation for a while because of the term 'collaboration' by working together.

I do believe also, this year the situation will continue, I cannot say it will be 'harder' or it will be 'better' or whatever going to happen? By working together within Siriraj, our Faculty of Medicine Siriraj Hospital and our colleagues worldwide, we will improve the quality of life of global citizens, 'collaboration' is the keyword and I'm looking forward for more and more collaboration this year!

Happy New Year!



Prof. Dr. Prasit Watanapa
Dean
Faculty of Medicine Siriraj Hospital, Mahidol University



Faculty of Medicine Siriraj Hospital, Mahidol University



Since 1888 (**132** years now)



#252 QS World University
#48 QS Asian University

#1 Thailand University
#101-150 by subject Medicine (as of 2020)



WFME-certified undergraduate program since 2015
18 postgraduate programs (2020)
Advanced HA accreditation since 2014, JCI (SiPH) (2017)
Thailand Quality Class award (2017)



4,300+ students, 160+ international students, 927 staffs,
4 Bachelor degrees, 28 Master & Doctorate degree programs,
28 Residency training programs, 106 Sub-specialty & Fellowship training programs,
7 Dual Doctorate degree programs, 2 Joint Doctorate degree programs



13 research centers, 700+ publications / yr, citation index = 6.05
AAHARP-certified since 2014



3.2 m OPD cases / yr; 85,000+ IPD cases / yr
2,054 beds, 114 general wards, 69 OR, 16 I.C.U., case mix index = 2.96



International Relations Division, No. 2, Wang Lang Road, Bangkok Noi, Bangkok, Thailand 10700
Tel. : +66 2419 9465
Fax. : +66 2418 1621
E-mail : siro@mahidol.ac.th
Website : www2.si.mahidol.ac.th/en/



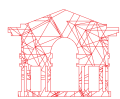
irsiriraj



@SirirajR



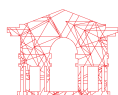
irsiriraj



MoU Signing Ceremony Between Siriraj and Huachiew Traditional Chinese Medicine Clinic



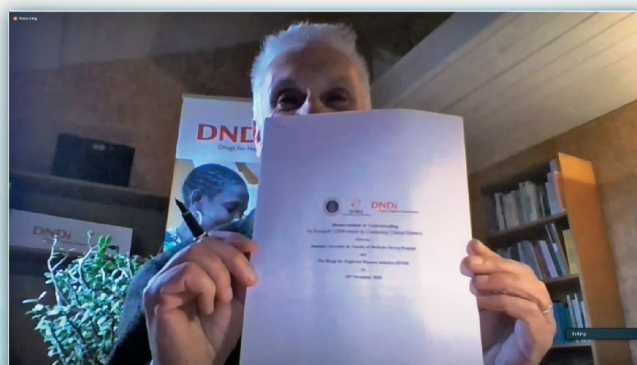
November 12th, 2020, **Prof. Sawanee Suraseraneewongse**, Director of Siriraj Medical School and Deputy Dean of Faculty of Medicine Siriraj Hospital, Mahidol University, and **Mr. Aram Eamsureya**, Director of Huachiew Traditional Chinese Medicine Clinic, signed the Memorandum of Understanding (MoU) for the collaboration and development between the two institutes in education, research, academic activities, and the patient services with Thai and Chinese traditional medicine to maximize the benefit to the patient of both institutions. This signatory ceremony was witnessed by executives of both parties such as: **Assoc. Prof. Pravit Akarasereenont**, Chairman of Siriraj's Center of Applied Thai Traditional Medicine, TCM. Dr. Xie Qiang Ming, Vice-Director in Medicine of Huachiew Traditional Chinese Medicine Clinic, and Mrs. Yenchit Techadamrongsin, Vice-Director in Administration of Huachiew Traditional Chinese Medicine Clinic.



Virtual MoU Signing Between Siriraj Institute of Clinical Research and Drugs for Neglected Diseases initiative



Virtual MOU signing between SiCRES and DNDi



Inbound

03

Inside Siriraj



November 10th, 2020, **Prof. Prasit Watanapa**, Dean of the Faculty of Medicine Siriraj Hospital, Mahidol University, along with **Prof. Prasert Auewarakul**, Deputy Dean for Research, **Assoc. Prof. Prapat Wanitpongpan**, Deputy Dean for International Relations, and **Prof. Kulkanya Chokephaibulkit**, Director of Siriraj Institute of Clinical Research (SiCRES), presided over the Virtual Memorandum of Understanding (MoU) Signing Ceremony for Research Collaboration on Conducting Clinical Research between “SiCRES” and the non-profit research and development (R & D) organization from Switzerland “DNDi” to promote and foster a collaborative non-for-profit Medical R&D environment in Thailand and to encourage and develop Thailand’s potential as one of South East Asia’s respected medical R & D locations, and to collaborate on medical research in Thailand, particularly on the implementation and management of clinical trials for new treatments.

This MoU is an important step towards stimulating further bilateral R & D cooperation. The future R & D efforts of DNDi and SiCRES will strive to contribute to and enhance Thailand’s public health response for neglected patients and diseases.

“I believe this collaborative partnership lays down the roots to build more R&D knowledge, transfers and expands the capacity of expertise in Thailand. DNDi has a strong footprint in Thailand and South-East Asia and I am certain this MoU will contribute to support our work and fortify our partnerships” said **Dr. Bernard Pécoul**, Executive Director of DNDi.

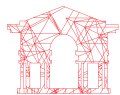


Webinar Conference on Bariatric Innovations



On November 7th, 2020, **Prof. Dr. Prasit Watanapa**, Dean of Faculty of Medicine Siriraj Hospital presided over the webinar conference on **Bariatric Innovations** co-hosted by the Department of Medicine and the Department of Surgery, Faculty of Medicine Siriraj Hospital.

The webinar was held to provide an update and exchange knowledge on many interesting topics on bariatric innovation shared by renowned speakers from Siriraj and Brigham and Women's Hospital, Boston, USA, such as Bariatric Endoscopy and Pitfalls, the Future of Robotic Bariatric Surgery, etc.



The Rockefeller Foundation Visits Siriraj



Welcome! **Mr. Khan Ram-Indra**, Director, Asia Regional Office, The Rockefeller Foundation and **Ms. Busaba Tejagupta**, Director, Operations & Grants Management, Asia Operations, The Rockefeller Foundation to visit Faculty of Medicine Siriraj Hospital on December 9th, 2020.



Clinical Fellowship and Electives at Siriraj



Welcome! **Dr. Mia Katrina Romana Gervasio** and **Dr. Christina Banate Gulfan** from the Philippines to undertake 1-year international program “**Clinical Fellowship Training Program in Dermatologic Surgery**” at Dermatosurgery Division, Department of Dermatology, Faculty of Medicine Siriraj Hospital, Mahidol University between October 12th, 2020 - November 11th, 2021



Welcome! **Dr. Ye Lin Htut** from Myanmar to undertake the International Fellowship Training Program in Gynecologic Endoscopic Surgery (1-Year) at **Thai - German Multidisciplinary Endoscopic Training Center Under the Royal Patronage of HRH Princess Maha Chakri Sirindhorn (TG-MET CENTER)**, Department of Obstetrics and Gynecology from October 26th, 2020 - October 26th, 2021.



Welcome! **Dr. Taidit Thianthanyakij** from Shanghai Medical College of Fudan University, China, to undertake an elective study at Department of Dermatology, Faculty of Medicine Siriraj Hospital, Mahidol University between October 1st - 30th, 2020.



Welcome! **Miss Chidchanok Sangaroon** from College of Medicine, Our Lady of Fatima University, the Philippines, to undertake an elective study at Department of Orthopedic Surgery, Faculty of Medicine Siriraj Hospital, between October 12th - 16th, 2020.



Announcement of The Prince Mahidol Award Laureates 2020



Prof. Dr. Valentin Fuster
Prince Mahidol Award Laureate
Field of Medicine, United States of America



Dr. Bernard Pécoul
Prince Mahidol Award Laureate
Field of Public Health, France

On November 12th, 2020, **Prof. Dr. Prasit Watanapa**, Dean of the Faculty of Medicine Siriraj Hospital, Mahidol University, in the capacity of Vice President of the Prince Mahidol Award Foundation, **Mr. Tanee Sangrat**, Director-General of the Department of Information, Ministry of Foreign Affairs of the Royal Kingdom of Thailand, in the capacity of the Chairman of the Sub-Committee on Public Relations of the Prince Mahidol Award Foundation, and **Prof. Vicharn Panich**, Chairman of the International Award Committee of the Prince Mahidol Award Foundation, held a joint press conference to announce the 29th **Prince Mahidol Award for 2020** at the Prince Mahidol Memorial Room, 2nd Floor, Syamindra Building, Siriraj Hospital. This year, the Prince Mahidol Award in the field of Medicine is awarded to **Prof. Dr. Valentin Fuster**, and the Prince Mahidol Award in the field of Public Health is awarded to **Dr. Bernard Pécoul**.



Siriraj Informatics and Data Innovation Center (SiData+)



Asst. Prof. Prapat Suriyaphol

Director of Siriraj Informatics and Data Innovation Center
Assistant Dean of Information Technology



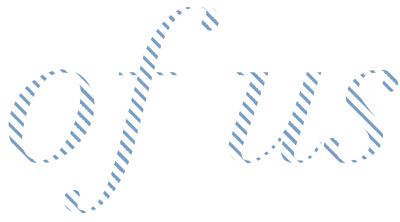
The rapid movement in digital transformation and the advanced technology in medical devices, such as the Internet of Things (IoTs), inundate the healthcare system with data like never before. This data, as we typically call “Big Data”, is leveraged to improve healthcare in unprecedented ways. Siriraj Hospital, the hospital of the land, is aware of the potential of the data and has been pursuing the current 5-year strategic plan that, in part, aims to transform the Faculty of Medicine Siriraj Hospital into a data-driven organization or an information-driven organization.

To support this strategy, Siriraj founded a new center named “**Siriraj Informatics and Data Innovation Center**” or “**SiData+**”, pronounced ess-i-data-plus, Si is for Siriraj, Data+ pictures data and its potential beyond the data itself. In this issue of Siriraj International Relations News, we are honored to have **Asst. Prof. Prapat Suriyaphol**, Director of Siriraj Informatics and Data Innovation Center to put in the picture the role of SiData+ and how Siriraj can become the smart hospital in the near future.

Data is widely regarded as being the power to unlock the future. “*The example of the data usage, I can show you, is the COVID-19 situation in our hospital*” said Asst. Prof. Prapat, “*We have been working hard with many teams to make the necessary data available in a set of easy-to-understand dashboards. So our COVID-19 executive management team knows the current situation in near real time and can quickly respond to the uncertain situations. We need to know how many people are under investigation, how many cases are confirmed, how many beds are available, how severe patients are, and what about the medicine stock and medical equipment. This is the direct use of data and it’s crucial in our context right now.*”

SiData+ Center was established under the objectives to support Faculty’s strategic plan. “*The role of SiData+ can be divided into three main roles*” explained Asst. Prof. Prapat, “*The first role is Data Governance and Regulations, we need to ensure the quality of the data and to deal with security risks and compliance in an appropriate manner. Our move will be in accordance with the Thailand Personal Data Protection Act (PDPA), which will be in effect in June 2021.*”





“Our team must have the same vision, we Put the Right Man to the Right Job.”

The second role is Data Management, in this part, we will prepare the data to be accessible for use by creating a well-equipped data ecosystem. The last role is Data Innovation & Usage; in this part we use the data via various channels, e.g., for internal collaboration, internal research and development, and external collaboration, including those with other faculties in Mahidol University or companies.”

The benefits that data users will gain from SiData+ is the empowerment of data usage. “We are pleased to provide high quality data so the users do not have to ask around or request numerous data owners to access the data.”

The journey of SiData+ is not a bed of roses. The human resources were and still are one of the obstacles in establishing the Center. “Although we receive good support from the Faculty, we are in need of data scientists who understand the context of health and medicine.” admitted Asst. Prof. Prapat, “Having said that, we are interested in not only data scientists, but also seeking to promote data champions in diverse units of the Faculty. Therefore, we need to proliferate the data literacy as widely and constructively as possible to be able to utilize the data effectively.”

The usage of data provided by SiData+ will also pave the way for the Health Information Exchange (HIE), which is the future plan of SiData+. “As we’re aware that Faculty of Medicine Siriraj Hospital comprises three hospitals that are Siriraj Hospital, Siriraj Piyamaharajkarun Hospital, and Golden Jubilee Medical Center. With the shared data management platform via HIE, patients will be able to visit any of these three hospitals with their medical background linked together.” explained Asst. Prof. Prapat. “We are forming a team called SIL Thailand, which stands for Standards and Interoperability Lab Thailand to scale up the HIE to the whole country by setting up a sandbox and work together with Ministry of Public Health, Ministry of Digital Economy and Society” Asst. Prof. Prapat noted. “COVID-19 Vaccine Certificate will be our first pilot project in the upcoming future by using qualified data to certify and allow the vaccinated people to travel.”

SiData+ is attempting to strive beyond the boundary of ordinary data usage for the ideal vision to unlock the better future.



Watch full
interview



Foundation to Eradicate Neuromuscular Diseases (FEND)



The word 'fend' is most commonly used in the phrase "fend for yourself" meaning to take care or defend yourself. Unfortunately, every day, there are children born who will never possess the ability to do so. They were born with a little-known gene which causes Neuromuscular Disease. Children with NMD may have a gradually symptom development of muscle weakness and there is no cure for NMD in nowadays. In Thailand, there are more than 1,000 cases of children with NMD in every year, if compare the annual prevalence in children with the birth rate, the newborn is having a risk with the disease with the ratio of 1: 6,000.

Foundation to Eradicate Neuromuscular Disease or FEND established in 2015. **Prof. Prasit Watanapa**, Dean of the Faculty of Medicine Siriraj Hospital and the Chairman of FEND along with **Assoc. Prof. Oranee Sanmaneechai** from Department of Pediatrics and the spearhead of the foundation's establishment are working hard to connect all children with NMD including their parents to the world with seamless accessibility. The foundation was established to address the NMD problems and to provide children suffering the effects of neuromuscular disease, with the necessary comfort and care they need in order to improve their quality of life in treatment, life support, and any necessary mobility aids e.g. electric wheelchairs, patient lifter, ventilator, as well as provide an opportunity for children to participate in the educational and recreational activities e.g. study tour. The NMD Clinic has been established and operated in the 3rd week of every month to provide a medical service for children to meet NMD experts, physical therapist, nutritionist, music therapist and etc. the Faculty of Medicine Siriraj Hospital plays a significant role in supporting FEND i.e. the faculty provided a location for NMD Clinic's operation at **Sirindhorn School of Prosthetics and Orthotics**, donation of mobility aids to the foundation as well as the establishment of the **NMD fund** under **Siriraj Foundation**.

If you are the parent, or care-taker of children with NMD, register your children with FEND to learn and participate in the educational and recreational activities at the QR code on the right hand side.

To join FEND
scan here





The World's Top 2% Scientists by Stanford University



Mahidol University
Faculty of Medicine
Siriraj Hospital

World's Top 2% Scientists by Stanford University



h-index 43

237 Documents by Author

Prof. Dr. Visith Thongboonkerd
Office of Research and Development

Highest Citation:

Proteomic identification of oxidatively modified proteins in Alzheimer's disease brain.



h-index 23

92 Documents by Author

Prof. Dr. Varut Lohsiriwat
Department of Surgery

Highest Citation:

Hemorrhoids: From basic pathophysiology to clinical management



h-index 22

113 Documents by Author

Prof. Nipon Pongvarin
Department of Medicine

Highest Citation:

Effects of Dexamethasone in Primary Supratentorial Intracerebral Hemorrhage



h-index 37

227 Documents by Author

Prof. Dr. Visanu Thamlikitkul
Office of Research and Development

Highest Citation:

Population pharmacokinetics of colistin methanesulfonate and formed colistin in critically ill patients from a multicenter study provide dosing suggestions for various categories of patients



Prof. Dr. Visith Thongboonkerd

h – index 43

Highest Citation: Proteomic identification of oxidatively modified proteins in Alzheimer's disease brain



Prof. Dr. Varut Lohsiriwat

h – index 23

Highest Citation: Hemorrhoids: From basic pathophysiology to clinical management



Prof. Nipon Pongvarin

h – index 22

Highest Citation: Effects of Dexamethasone in Primary Supratentorial Intracerebral Hemorrhage



Prof. Dr. Visanu Thamlikitkul

h – index 37

Highest Citation: Population pharmacokinetics of colistin methanesulfonate and formed colistin in critically ill patients from a multicenter study provide dosing suggestions for various categories of patients



Congratulations to the 'Fantastic 4' from Siriraj Hospital who were ranked as the World's Top 2% Scientists by Stanford University!!

The names of scientists were selected from over 150,000 names from around the world whose publications are most often cited by other authors. The ranking announced 29 scientists from various faculties in Mahidol University including Siriraj. The ranking reflected the strategy of Siriraj which aims to become excellent in the field of research in order to provide better healthcare services with new knowledge, technology, and innovation in the near future!



Remote Internship at The Rockefeller Foundation

The Rockefeller Foundation, building on a legacy of employing many of the brightest thinkers of the 20th century, their internship program brings a broad range of talents and backgrounds. This past summer, during the pandemic of COVID-19, a young talented 6th-year medical student from Siriraj, **Mr. Thanathip Suenghataiphorn**, has an opportunity to participate in The Rockefeller Foundation's Remote Internship Program, and this is his story. . .

During one of my second year's classes, The Rockefeller Foundation was mentioned as an early partner and supporter of Thailand's medical system, including Siriraj Hospital since 1916. Their contributions in Thailand do not limit just healthcare but also education, agriculture, public health, etc, since the 1960s! They dedicated themselves to improve the livelihoods of the poor and vulnerable people, in which they succeeded with a long list of achievements more than a century ago. Apart from their dedication, the people I worked with are very passionate and supportive during my internship.

Healthcare challenges cannot be solved by only a medical doctor but included other allied healthcare professionals and also international organizations. Everyone can be a part of the solution. The Rockefeller Foundation is just one of the great examples of many stakeholders who are involved with the healthcare community. As **Debasish Mridha** once said, "*Opportunities are endless when you are ready to find them.*", perhaps thinking beyond, keeping your eyes wide, and looking for opportunities are just the beginning of a long list of what you can keep in mind in order to assist in solving the current challenges during this era of cooperation.



Prince Mahidol Award Youth Program 2020



November 24th, 2020, Prince Mahidol Award Foundation under the Royal Patronage, the Ministry of Foreign Affairs, Prince Mahidol Award Youth Program Steering Committee, Prince Mahidol Award Youth Program Working Committee, and Prince Mahidol Award Youth Program Selection Committee, announced the **Prince Mahidol Award Youth Program scholarship recipients for 2020**, and two medical students from Faculty of Medicine Siriraj Hospital, Mahidol University, **Mr. Peeradon Wongseeree** and **Mr. Lattawat Eauchai** were awarded for the Prince Mahidol Award Youth Program 2020. The successful applicants will obtain a scholarship for research study, professional training or community development abroad or in the country with full support for 12-month overseas placement. The period of overseas placement of the scholarship recipients will be considered as a part of their three-year working period for the government of Thailand.



Faculty Abroad at Virtual EFORT Congress 2020



October 28th - 30th, 2020, **Lecturer Dr. Pakpoom Ruangsomboon** of Department of Orthopaedic Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, has given the podium presentation via the Virtual EFORT platform on the topic “An Evaluation of the Effect of Mecobalamin on the Change of Area of Skin Numbness After Total Knee Arthroplasty: a Randomized Double-Blinded Placebo-Controlled Trial” at the **Virtual EFORT Congress 2020**.



Faculty Abroad at UCLA



Congratulations to **Asst. Prof. Kitikan Thana-udom** of Department of Psychiatry, Faculty of Medicine Siriraj Hospital, Mahidol University, who has completed her role as a ‘**Visiting Assistant Research Scientist (Research Fellow) in Psychiatry**’ at the UCLA Semel Institute for Neurosciences and Human Behavior, and at the Division of Geriatric Psychiatry, Department of Psychiatry, University of California Los Angeles (UCLA) between October 1st, 2018 - June 11th, 2020.



Faculty Abroad at Imperial College London

Imperial College
London

[Home](#) [Faculty of Engineering & Institutes](#) [Faculty of Medicine](#) [Faculty of Natural Sciences](#) [Business School](#) [Centres](#)

National Heart and Lung Institute

We are so pleased to be able to come together today to celebrate your achievements. We are proud of each of you and know that you will go on to do great things. Congratulations, and enjoy your day!

- Professor Jonathan Weber, Dean of the Faculty of Medicine

Imperial College
London

National Heart and Lung Institute



**Weerawon
Thangboonjit**

Doctor of Philosophy

On December 7th, 2020, Lecturer **Dr. Weerawon Thangboonjit** from Department of Pharmacology attended a virtual graduation ceremony held by Imperial College London, due to COVID-19, to celebrate her graduation of 2020. Dr. Weerawon started studying at the National Heart & Lung Institute, Faculty of Medicine, Imperial College London, since November 2013, and earned the degree of Doctor of Philosophy in Clinical Medicine Research in August 2019 with a thesis topic "*The Possible Links between COPD and Lung Cancer: Cellular and Mitochondrial Function in Airway Epithelial Cells.*" Congratulations!



AMSA Virtual Academic Meeting Siriraj – BMU



AMSA INTERNATIONAL
Asian Medical Students' Association
Virtual Academic Meeting



Mahidol University
Faculty of Medicine
Siriraj Hospital



**BOGOMOLETS NATIONAL
MEDICAL UNIVERSITY**
HONOR. MERCY. GLORY

November 14th, 2020, the **Asian Medical Students Association (AMSA)** has organized a virtual academic meeting for the medical students from the **Faculty of Medicine Siriraj Hospital, Mahidol University**, and **Bogomolets National Medical University (BMU)**, Ukraine, with a special lecture on the topic "*Preterm Labour*", and "*Intermittent Fasting.*" This virtual academic meeting is a learning activity outside the classroom. It also strengthens the relationship between medical students from both countries during the COVID pandemic.



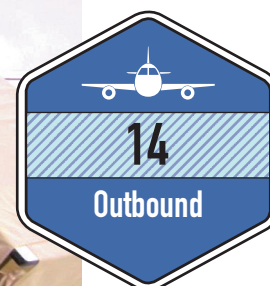
Siriraj Won KKU-ICEM Virtual Experience 2020 Award



Siriraj's medical students: **Mr. Theerajate Phongsuphan**, **Mr. Supawat Tiravanitkul**, and **Mr. Pavarist Rai**, aka *Team PepoLnwZa*, the winner (gold medal and 1st prize) of "Khon Kaen University's International Challenge of Emergency Medicine and Related Basic Science 2020." May this reward be an acknowledgment of their clinical knowledge on emergency medicine, great teamwork, cooperation, and communication skills. Congratulations!



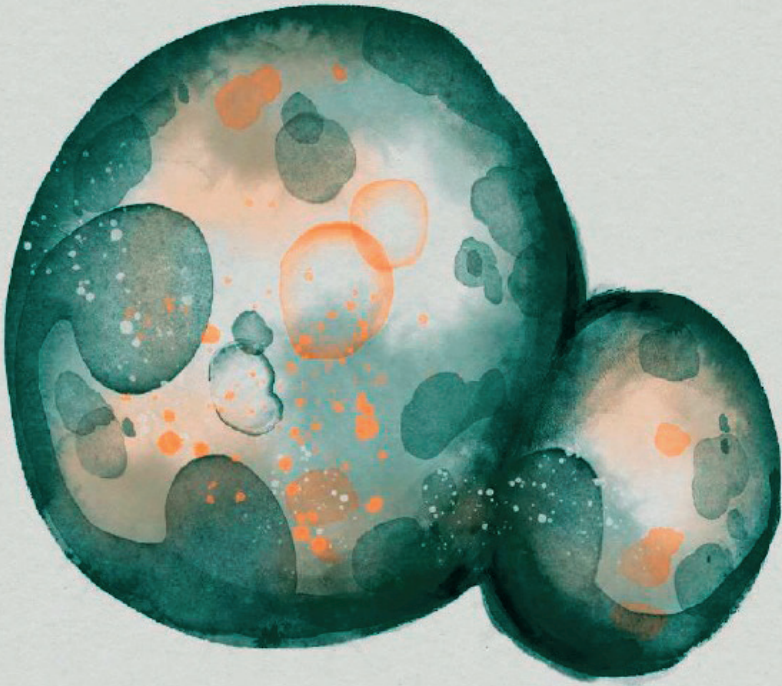

Online Course in Thai Traditional Medicine



September 23rd - 25th, 2020, **Center of Applied Thai Traditional Medicine**, Faculty of Medicine Siriraj Hospital, hosted an online short training course for Postgraduate Midwifery Students from **Semarang Health Polytechnic, Indonesia**.

Mark Your Calendar

INVITATIONAL
PACKAGE



SIMPICSED

Siriraj International Medical Microbiology,
Parasitology and Immunology Competition, Special Edition
in Partnership with IFMSA-Thailand

12th - 14th March 2021

Faculty of Medicine Siriraj Hospital
Mahidol University, Thailand

President's message • Getting to know SIMPICSED • Competition
Academic event • Non-academic experiences • Registration
Regulations for social distancing • Plan and policy for COVID-19

Official Website: <https://www2.si.mahidol.ac.th/en/>



www.facebook.com/irsiriraj



[irsiriraj](https://www.instagram.com/irsiriraj)



[@SirirajR](https://twitter.com/SirirajR)