



มหาวิทยาลัยมหิดล
คณะแพทยศาสตร์โรงพยาบาลรามาธิบดี



ปาฐกถา รจิต บุรี ครั้งที่ 34 ประจำปี 2566

องค์ปาฐก

ศาสตราจารย์ นายแพทย์สุรเดช หงส์อิง

ศิษย์เก่าแพทย์รามาธิบดี รุ่นที่ 17

ผู้ช่วยคณบดีฝ่ายวิจัย

หัวหน้าสาขาโลหิตวิทยาและมะเร็งวิทยา

ภาควิชากุมารเวชศาสตร์ คณะแพทยศาสตร์โรงพยาบาลรามาธิบดี มหาวิทยาลัยมหิดล

ศิษย์เก่าแพทย์รามาธิบดีดีเด่น ประจำปี 2566 ด้านวิชาการและวิจัย

เรื่อง "นวัตกรรมกับการต่อยอด"

From Innovation to Entrepreneurship and Policy Advocacy

วันที่ 21 กันยายน 2566 เวลา 10.30 – 12.00 น.

ณ Plenary room โรงแรมเบงกีก๊อ๊ก แมริออท มาคิสส์ ควีนส์ปาร์ค

- 10.00 น. ลงทะเบียน
- 10.10 น. พิธีกรกล่าวต้อนรับผู้ร่วมงาน พร้อมต้อนรับองค์ปาฐก
- 10.20 น. ร่วมชมวีดิทัศน์ “ชีวิต และผลงาน ศาสตราจารย์รจิต บุรี”
- 09.05 น. พิธีกรกล่าวเชิญนายกสมาคมฯ กล่าวแนะนำองค์ปาฐก
- 09.10 น. นายกสมาคมศิษย์เก่าแพทย์รามาธิบดี แนะนำองค์ปาฐก
- 10.30 น. เริ่มบรรยาย ปาฐกถา รจิต บุรี ครั้งที่ 34

เรื่อง "นวัตกรรมกับการต่อยอด"

From Innovation to Entrepreneurship and Policy Advocacy

องค์ปาฐกโดย ศาสตราจารย์ นายแพทย์สุรเดช หงส์อิง

ศิษย์เก่าแพทย์รามาธิบดี รุ่นที่ 17

- 11.50 น. พิธีมอบรางวัลแด่องค์ปาฐก

มอบโล่ประกาศเกียรติคุณ แด่ องค์ปาฐก

โดย ศาสตราจารย์ นายแพทย์ปิยะมิตร ศรีธรา

คณบดีคณะแพทยศาสตร์โรงพยาบาลรามาธิบดี

มอบของที่ระลึกแสดงความยินดี แด่ องค์ปาฐก และศิษย์เก่าแพทย์รามาธิบดีดีเด่น

โดย ศาสตราจารย์ นายแพทย์พรชัย สิมะโรจน์

นายกสมาคมศิษย์เก่าแพทย์รามาธิบดี

Scientific Program RIAC2023
20-22 September, 2023
At Bangkok Marriott Marquis Queen's Park

Day 1, Wednesday 20 September, 2023

Room Time	Thai Chitlada 1	Thai Chitlada 2	Thai Chitlada 3	Thai Chakkraphat 1	Thai Chakkraphat 2	Thai Chakkraphat 3
		Nursing Department	Ramathibodi School of Nursing			
08.00 – 08.40	Registration					
08.40 – 09.00	Opening Remarks					
09.00 – 10.00	<p>Creating innovations: from idea to industry Moderator: <i>Prof. Chagriya Kitiyakara, M.D.</i> <i>Medical Innovations Development (MIND) Center, Faculty of Medicine, Ramathibodi Hospital</i></p> <p>Advancements in Nursing: Transforming Routine Practices to Commercial Innovation" <i>Assoc. Prof. Dr. Natthacha Chiannilkulchai, Ph.D.</i> <i>Ramathibodi School of Nursing</i></p> <p>Flying to the future with Tao Bin <i>Mr. Pongchai Amatanon</i> <i>Chairman of Executive Committee, Forth corporation PLC</i> <i>MC: Atip Chatsudthipong, M.D.</i></p>					
10.00 – 10.30	Break	Break	Break	Break	Break	Break
10.30 – 11.15	<p>How to manage work-life balance for the great achievement? <i>Prof. Apichat Asavamongkolkul, M.D.</i> <i>Dean, Faculty of Medicine Siriraj Hospital, Mahidol University</i></p>					
11.15 – 11.30		11.00-12.00 Wow!	11.15-12.00 Artificial Intelligence in Healthcare			
11.30 – 12.00	<p>Revolutionizing Transplantation: Overcoming current challenges and pioneering innovations <i>Assoc. Prof. Leonardo Riella, M.D. Ph.D.</i> <i>Harvard Medical School, USA</i> <i>Moderator: Prof. Dr. Atiporn Ingsathit, M.D., Ph.D.</i></p>	<p>A: Rama ET-Tube Intubation cart B: Homemade valved holding chambers airway for hyperresponsiveness <i>Thitima Lekdee and Kesanee Chaicoming</i></p>	<p><i>Dr. Somkiat Tangkitvanich, Ph.D.</i> <i>TDRI</i></p>			

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Room Time	Thai Chitlada 1	Thai Chitlada 2	Thai Chitlada 3	Thai Chakkraphat 1	Thai Chakkraphat 2	Thai Chakkraphat 3
		Nursing Department	Ramathibodi School of Nursing			
12.00 – 13.00	<p style="text-align: center;">Lunch Symposium How Does Everyday Life Harm your Eye Health? <i>Dr.Varintorn Chuckpaiwong</i> <i>Dr.Weerawan Chokthaweesak</i> บ.พีอาร์บี เซอร์เมดิคัล (ปท) จำกัด</p>	Lunch	Lunch	<p style="text-align: center;">Lunch Symposium Looking Toward the Future: Management of C.difficile Infection <i>Assoc.Prof.Porpon Rotjanapan</i> <i>Supphamat Chimaksorn</i> บ.สยามฟาร์มเมทาธุติคอด จำกัด</p>	Lunch	Lunch
13.00 – 13.30	<p>Update Immunobiology in Transplantation Unveiling the Immune Frontier: A Comprehensive Update on Immunobiology in transplantation <i>Assoc. Prof. Leonardo Riella, M.D. Ph.D. Harvard Medical School, USA</i> Moderator: <i>Assoc.Prof.Surasak Kantachavesiri, M.D.</i></p>	Expanding home chemotherapy service to cancer networks <i>Suwannee Sirilertrakul</i> <i>Thitaree Kaewtatip</i> <i>Viparuch phiwon</i>	13.00-14.30 Sustainable financial planning and management <i>Chatchai Nawamongkhon</i> Senior District Manager, AIA Co., Ltd.	<p style="text-align: center;">Rama VR perimetry and visual rehabilitation <i>Panitha Jindahra M.D,Ph.D, MRCP (UK)</i></p>	CEB data warehouse showcase: overview Cohort Development 1.Type-2 Diabetes Mellitus (T2D) 2.Chronic Kidney Disease (CKD) 3.Hypertension (HT) 4.Heart Failure (HF) 5.Atrial Fibrillation (AF) Data Preprocessing: Imputation Data Analysis: Multistate Model <i>Dr. Panu Looareesuwan, Ph.D.</i> <i>Dr. Wanchana Ponthongmak, Ph.D.</i> <i>Dr. Htun Teza, B.D.S.</i> <i>Dr. Cholati Ratanatharathorn, M.D.</i> <i>Dr.Prut Saowaprut, M.D.</i> <i>Mr. Roman Samuel Wabina, M.Sc.</i> Moderator: <i>Dr. Chaiyawat Suppasit, M.D.</i>	Development of novel cervical pedicle screw <i>Assoc. Prof. Pongsthorn Chanplakorn, M.D.</i> Moderator: <i>Asst.Prof.Chavarat Jarungvittayakon, M.D.</i>
13.30 – 14.00	<p style="text-align: center;">HLA eplet and the role in kidney transplantation <i>Assoc. Prof. Duangtawan Thammanichanond, M.D. Ph.D.</i> Moderator: <i>Assoc.Prof.Surasak Kantachavesiri, M.D.</i></p>			<p style="text-align: center;">Ratinoblastoma Organoids: emerging experimental tools for translational research <i>Assoc. Prof. Duangnate Rojanaporn, MD</i> <i>Assoc. Prof. Rossukon Kaewkhaw Ph.D.</i></p>	The role of cell and regenerative medicine in Orthobiologics; Ramathibodi experience <i>Assoc. Prof. Tulyapruet Tawonsawatruk, M.D.</i> Moderator: <i>Asst.Prof.Chavarat Jarungvittayakon, M.D.</i>	
14.00 – 14.30	<p style="text-align: center;">Role of viral-specific immune monitoring in kidney transplant recipients <i>Assoc. Prof. Jackrapong Bruminhent M.D.</i> Moderator: <i>Assoc.Prof.Surasak Kantachavesiri, M.D.</i></p>			<p style="text-align: center;">Teromere-to-Teromere whole genome sequencing <i>Prof. Wasun Chantratita, Ph.D.</i> Moderator: <i>Sivapoj Sriwannavit, M.D.</i></p>		
14.30 – 15.00	Break	Break	Break	Break	Break	Break
15.00 – 15.30	<p>Advances in solid organ transplantation Robotic assisted living donor hepatectomy <i>Prof. Gi Hong Choi, M.D.</i> <i>Severance Hospital, Korea</i></p>	Decentralized medicine: Rama health space <i>Noppakan Wannakansophon</i>	15.00-16.00 Centers for Aging: Catalyzing Gerontological Research, Training, and Community Partnerships <i>Prof. Dr. Basia Belza, Ph.D, RN, FAAN, FGSA</i> <i>Assist.Prof. Dr. Inthira Roopsawang</i> Moderator: <i>Assoc. Prof. Dr. Suparb Areeue</i>	<p style="text-align: center;">Safe sedation for non-anesthesiologists <i>Asst. Prof. Sasima Dusitkasem, M.D.</i></p>	15.00-15.45 Real world data analytics using machine learning <i>Dr. Anuchate Pattanateepapon, Ph.D.</i>	
15.30-16.00	<p>Update in end-stage heart failure. Who is ready for heart transplant? <i>Assoc. Prof. Teerapat Yingchoncharoen, M.D.</i> Moderator: <i>Prof.Abhasnee Sobhonslidsuk, M.D.</i> <i>Asst.Prof.Nuttapon Arpornsujaritkun, M.D.</i></p>			<p style="text-align: center;">What are your brain vital signs? <i>Dr. Jeeranut Wanawananon, M.D.</i></p>	15.45-16.00 Prediction models for Stroke in AF Patients <i>Dr.Phichaya Faramnuayphol, M.D.</i> Moderator: <i>Dr. Chaiyawat Suppasit, M.D.</i>	

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Day 2, Thursday 21 September, 2023

Room Time	Thai Chitlada 1	Thai Chitlada 2	Thai Chitlada 3	Thai Chakkraphat 1	Thai Chakkraphat 2	Thai Chakkraphat 3
		Nursing Department	Ramathibodi School of Nursing			
08.00 – 09.00	Registration					
09.00 – 09.30	<p>A New Frontier in Cancer Immunotherapy and COVID-19 Prevention in Thailand.</p> <p><i>Dr. Trairak Pisitkun, M.D., Ph.D.</i></p> <p><i>Chief Medical Officer, Seqker Biosciences, Inc. USA</i></p> <p><i>Formerly Director of Center of Excellence in Systems Biology, Chulalongkorn University</i></p>			<p>Mastering the symphony of allergic rhinitis and asthma management</p> <p><i>Asst. Prof. Wannada Laisuan, M.D.</i></p> <p><i>Asst. Prof. Kangsadam Tanjararak, M.D.</i></p> <p><i>Moderator: Dr.Navarat Tangbumrungham</i></p>		
09.30 – 10.00	<p>Ramathibodi tumor biobank: where are we now?</p> <p><i>Assoc. Prof. Natini Jinawath, MD, Ph.D.</i></p>			<p>Novel Antihistamine for Allergic Rhinitis and Urticaria</p> <p><i>Asst. Prof. Boonsam Roongpuvapaht, M.D.</i></p> <p><i>Dr. Pranee Sawetwilas, M.D.</i></p> <p><i>Moderator: Asst. Prof. Kangsadam Tanjararak</i></p>		
10.00 – 10.30	Break	Break	Break	Break	Break	Break
10.30 – 12.00	<p>Rajit Buri Memorial Lecture From Innovation to Entrepreneurship and Policy Advocacy</p> <p><i>Prof. Suradej Hongeng, M.D.</i></p> <p><i>Ramathibodi Medical Alumni, Class 17</i></p> <p><i>Professor of Pediatrics</i></p> <p><i>Assistant Dean of Research Affairs</i></p> <p><i>Chief of Pediatric Hematology Oncology and Bone Marrow Transplantation</i></p> <p><i>Department of Pediatrics Faculty of Medicine Ramathibodi Hospital Mahidol University.</i></p>	<p>11.00-12.00</p> <p>What's new in early mobilization for critical Ill children and adult?</p> <p><i>Rujeerat Jaengsook, Tarntana Supreeyatitikul and Supatra Phaopant</i></p>	<p>10.30-11.30</p> <p>Innovation nursing organization</p> <p><i>Assoc. Prof. Dr. Poolsuk Janepanish Visudtibhan,</i></p> <p><i>Director of Ramathibodi school of nursing</i></p>			

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Room Time	Thai Chitlada 1	Thai Chitlada 3	Thai Chitlada 2	Thai Chakkraphat 1	Thai Chakkraphat 2	Thai Chakkraphat 3	
		Nursing Department	Ramathibodi School of Nursing				
12.00 – 13.00	Lunch	Lunch	Lunch	Lunch Symposium Mythology & Modern Medicine <i>Dr.Pakorn Chandanamattha</i> บ.เบอรลินฟาร์มมาชูดิคอลลอินคัสตรี จ้ากัค	Lunch	Lunch	
13.00 – 13.30	Human-centric design for commercialization <i>Dr. Sarawut Lerspalungsanti, Ph.D.</i> MTEC	Stress of nursing staffs at emergency department in COVID- 19 pandemic <i>Sirinat Loungnarin</i>	13.00-14.00 Technology for humanity <i>Apirut Vancha-am</i> <i>Chief digital officer, SCG</i>	Updates in osteoporosis treatment: Osteoporosis and bone health in transgender and Current management of geriatric fracture <i>Asst. Prof. Sira Korpaisarn, M.D.</i> <i>Assoc. Prof.Paphon Sa- Ngasoongsong</i> <i>Moderator: Dr.Siripich Triamchaisri</i>	Diagnosis prediction from discharge summary <i>Dr. Wanchana Ponthongmak, Ph.D.</i>	Nanopore sequencing for single molecule detection (PCA3) <i>Asst. Prof. Nuankanya Sathirapongsasuti, M.D., Ph.D.</i>	
13.30 – 14.00	Current and Future Trend in Robotic Surgery; 13.30-13.50 Urology <i>Assoc. Prof. Wisoot Kongchareonsombat, M.D.</i>	Walk in Ratchathewi by Rama nurse <i>Phatcharakoraphot Sreeprasarn</i>		14.00-15.00 Future trends in nursing education <i>Assoc. Prof. Dr. Suchitra Luangamornlert, President of Thailand Nursing and Midwifery Council</i>	Navigating the Future: Unveiling the advancements in minimally invasive spine surgery <i>Dr. Withawin Kesornsak, M.D.</i> <i>Moderator: Dr. Boonyakiet Chuksamaporn</i>	Artificial Intelligence for EKG classification <i>Dr.Anuchate Pattanateepapon, Ph.D.</i>	The future of genomic medicine <i>Asst. Prof. Donniphat Dejsuphong, M.D., Ph.D.</i>
14.00 – 14.30	13.50-14.10 GI cancer <i>Assoc. Prof. Chairat Supsamutchai, M.D.</i> 14.10-14.30 Hepatobiliary surgery <i>Asst. Prof. Pongsatorn Tangtawee, M.D.</i>			14.30 – 15.00	Break	Tips and tricks for GERD management in real life practice <i>Asst. Prof. Boonsam Roongpuvapaht, M.D.</i> <i>Dr. Supphamat Chimaksorn, M.D.</i> <i>Moderator: Assoc. Prof. Darunee Chotiprasitsakul</i>	Artificial Intelligence for screening systematic review <i>Dr. Panu Looareesuwan, Ph.D.</i>
14.30 – 15.00	Break	Break	Break	Break	Break	Break	
15.00 – 15.30	Simulator training for central venous catheterization <i>Assoc. Prof. Piyanut Pootracool, M.D.</i> <i>Moderator: Asst. Prof. Pongsatorn Tangtawee, M.D.</i>	Impact of venous thromboembolism (VTE) prevention in surgical setting <i>Chiraphi Soonthornkul na Cholburi, Chutirat Sonpee and Chotip Gajaseni</i>	15.00-16.00 Nurse educator role: Preparing the next generation of nurses (Online) <i>Prof .Zeng Tieying, Deputy Director of Nursing Department, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology</i> <i>Assoc. Prof. Dr. Ma Fang, Vice Director of Nursing Department, the First Affiliated Hospital of Kunming Medical University</i>	Moving toward multidisciplinary teamwork in cancer care <i>Assoc. Prof. Narongsak Rungsakulkij, M.D., Asst Prof. Pornphan Wibulpolprasert, M.D., Dr. Tharintorn Treesit, M.D.</i> <i>Dr. Supphamat Chimaksorn, M.D., Moderator: Asst. Prof. Pimtip Sanvarinda</i>	Development of Thai interface terminology using SNOMED CT <i>Dr. Nat Tangchitnob, M.D.</i>	15.00-15.20 Establishment of drug discovery platforms in Thailand <i>Prof. Chatchai Muanprasat, M.D., Ph.D.</i>	
15.30 – 16.00	Digital twin surgery <i>Assoc. Prof. Sorayouth Chumnanvej, M.D.</i> <i>Moderator: Asst. Prof. Pongsatorn Tangtawee, M.D.</i>		15.20-15.40 Model for studying pathogenesis and potential therapeutic strategies for neuropathic Gaucher disease <i>Dr. Niti Asavapanumas, M.D., Ph.D.</i> <i>Assoc. Prof. Thipwimol Tim- Aroon, MD, Ph.D.</i> 15.40-16.00 Analysis of amniotic fluid microbiome <i>Dr. Pisut Pongchaikul, M.D., Ph.D.</i>				

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Day 3, Friday 22 September, 2023

Room Time	Thai Chitlada 1	Thai Chitlada 2	Thai Chitlada 3	Thai Chakkraphat 1	Thai Chakkraphat 2
		Nursing Department	Ramathibodi School of Nursing		
08.00 – 09.00	Registration				
09.00 – 09.30	Innovations for Disease-Specific Care: Lessons from a Medical Maverick on Turning Clinical Expertise into Real Impact <i>Asst. Prof. Parit Wongphaet, M.D.</i> <i>Managing Director of The TMGI Ltd</i>				
09.30 – 10.00	The road to disease specific certification <i>Asst. Prof. Nutsiri Kittitirapong, M.D.</i>				
10.00 – 10.30	Break	Break	Break	Break	Break
10.30 – 11.00	Experience and future of VR medical education Using VR for medical education and public engagement <i>Rapeephan Rattanawongnara Maude,</i> <i>M.D.,MSc, DTM&H</i>	Nurses' role: ultrasonography-assisted peripheral IV <i>Wallapat Chankachorn and</i> <i>Rossarin Thuancheeep</i>	10.30-11.30 Legal issue in nursing practice: Season change with digital health transformation <i>Prapatsorn Pongpanpisand</i>		Nanopore sequencing for rapid diagnosis of intra-amniotic infection. <i>Dr. Waranyu Lertrut, M.D.</i>
11.00 – 11.30	11.00-11.20 The Use of 360-Virtual Reality Simulations in Nursing Education for Patient Safety <i>Asst.Prof. Pichaya Thongpo, RN.MS.IT</i> <i>Faculty of Medical Ramathibodi hospital</i>		11.30-12.00 Ramathibodi Nurse Alumni's Meeting <i>Asst. Prof. Dr. Sermsri Santati</i> <i>President of Ramathibodi Nurse</i> <i>Alumni</i>		Placental derived exosome for the identification of Bart Hydrops fetus <i>Dr. Piya Chaemsaitong, M.D.,</i> <i>Ph.D.</i>
11.30 – 12.00	11.20-11.50 Virtual Reality in medical education <i>Prof.Hirotake Mori, M.D. DTM&H, Ph.D.</i> <i>Department of General Medicine,</i> <i>Juntendo University Faculty of Medicine,</i> Japan		Non invasive PGT-A by Next generation sequencing, is it consistent with the standard PGT-A? <i>Assoc. Prof. Matchuporn Sukprasert,</i> <i>M.D.</i>		

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Room Time	Thai Chitlada 1	Thai Chitlada 2	Thai Chitlada 3	Thai Chakkraphat 1	Thai Chakkraphat 2
		Nursing Department	Ramathibodi School of Nursing		
12.00 – 13.00	<p>Lunch Symposium</p> <p>Meet the needs- Optimizing COVID-19 treatment</p> <p><i>Prof. Sasisopin Kiertiburanakul</i> บ.ไพเชษฐ์ (ประเทศไทย) จำกัด</p>	Lunch	Lunch	Lunch	Lunch
13.00 – 13.30	<p>Home chemotherapy</p> <p><i>Dr. Phichai Chansriwong, M.D.</i></p>	<p>Integrated care for older person in Ratchathewi district: Model for collaboration</p> <p><i>Asst. Prof. Sirintorn Chansirikarnjana, M.D., Tipanetr Ngamkala and Pittaya Sangkaew</i></p>	<p>Graduate student forum</p> <p><i>Assist. Prof. Dr. Apinya Siripitayakunkit</i></p> <p><i>Deputy Director of Graduate Studies</i></p> <p><i>Moderator: Assoc.Prof.Wantana Maneesriwongul</i></p>	<p>Diet innovation for patients with specialized nutrient requirement: An example diet management in inborn errors of metabolism</p> <p><i>Asst. Prof. Dr.Oraporn Dumrongwongsiri, M.D.</i></p>	<p>Ablation treatment in CIN</p> <p><i>Asst. Prof. Suwicha Chittiaworn, M.D.</i></p>
13.30 – 14.00	<p>Utilizing AI for muscle and nerve pathology</p> <p><i>Assoc. Prof. Jariya Waisayarat, M.D.</i> <i>Chusak Thanawattano, Ph.D.</i></p>			<p>Cell and gene therapy in hematologic diseases</p> <p><i>Assoc. Prof. Usanarat Anurathapan, M.D.</i></p>	<p>Unprecedented remedies for stress urinary incontinence</p> <p><i>Assoc. Prof. Orawee Chinthakanan, M.D.</i></p>
14.00 – 14.30	<p>Stool DNA methylation assay: non-invasive colorectal cancer screening</p> <p><i>Assoc. Prof. Takol Chareonsirisuthigul, M.D., Ph.D.</i></p>			<p>Effect of 635 nm Light-Emitting-Diode Irradiation Induce PDA Constriction</p> <p><i>Tienake Trisauvapak, M.D.</i> <i>Pimonrat Ketsawatsomkron, Ph.D.</i> <i>Suparat Ekawaravong, M.D.</i></p>	
14.30 – 15.00	Closing				