

Conference timetable
 “The 5th National and International Conferences on Medical Technology 2017”
 The 25th Anniversary Walailak University; 20th Anniversary Walailak Medical Technology;
 60th Anniversary Thai Medical Technology
 “Infectious Diseases and Innovation for Clinical Diagnosis”
 28-29 March 2017 Twin Lotus Hotel, Nakhon Si Thammarat

28 March 2017		
08.30-09.00 am.	Registration	
09.00-09.15 am.	Welcome speech Room: <u>Bongkodrat 3</u>	Assoc.Prof.Dr.Jitbanjong Tangpong Dean of School of Allied Health Sciences, Walailak University
09.15-10.30 am.	Infectious diseases and viral infection: Current technology for laboratory analysis Room: <u>Bongkodrat 3</u>	Professor Dr. Yong Poovorawan
10.30-10.45 am.	Coffee break and Exhibitions	
10.45-12.00 am.	Molecular analysis of Parasitic infection Room: <u>Bongkodrat</u>	Assoc.Prof.Dr.Veeranoot Nissapatom, Faculty of Medicine, University of Malaya, Malaysia
12.00-13.00 pm.	Lunch and Exhibitions/ Special topic: EQA Program (Natthapoom Chaisorn)	
Session 1: Current technology and Innovation for laboratory analysis, Room: <u>Phatumlarb</u>		
Chair: Asst.Prof.Dr.Warangkana Chunglok/Dr.Nantawan Wangmuang		
13.00-14.00 pm.	Hyperimmune Plasma to EV71 for treatment severe infection: Pilot study	Dr.Boonrat Tassaneetrithep, Faculty of Medicine Siriraj Hospital, Mahidol University
14:00-14:30 pm.	Quality management in Thailand 4.0	Dr.Somsak Fongsupa, Faculty of Allied Health Sciences, Thammasat University
14:30-15:00 pm.	EQA Program you should know	Prabhop Dansethakul, Secretary, Association of Medical Technology of Thailand
15.00-15.30 pm.	Coffee break and Exhibitions	
15.30-16.30 pm.	Awareness in quality checking	Assoc.Prof.Punnee Pidecha and Mr.Utane Rungpanich, Mahidol University
16.30-18.00 pm.	Exhibitions	
Session 2: Oral Presentation, R2R and Innovative for Health, Room: <u>Jongkolnee</u>		

Chair: Assoc.Prof.Dr.Monthon Lertcanawanichakul / Dr.Jirarat Songsri		
13.00-14.00 pm.	Innovation (Patent) for Clinical Analysis of <i>H. Pylori</i>	Asst. Prof. Dr. Sueptrakool Wisessombat Walailak University
14.00-14.20 pm.	Performance Comparisons of Microhematocrit Determination by Using Proficiency Testing	Mr. Poonnapatch Sakaew
14.20-14.40 pm.	Preparation of Pooled Blood Samples for Utilization as a Proficiency Testing Material for Hemoglobin A1c Testing	Ms. Phanthira Wongsri
14.40-15.00 pm.	Development of competitive ELISA to quantify protein adsorbed onto PLGA microspheres	Ms. Piyachat Roopngam
15.00-15.30 pm.	Coffee break and Exhibitions	
15.30-15.50 pm.	Protective Effects of <i>Piper betle</i> , <i>Syzygium gratum</i> and Sangyod Rice Bran Oil on Hydrogen Peroxide-Induced Oxidative Damage in RAW 264.7 Macrophage Cells	Ms. Orrawan Poonsri
15.50-16.10 pm.	Synergistic Effects of Curcumin and Curcumin Analog Combined with Cisplatin and Proteasome Inhibitor MG132 on Anti-proliferation of Oral Squamous Cell Carcinoma Cells	Ms. Sirinya Thungtong
16.10-16.30 pm	Anti-Proliferation effect of curcuminoids and mono-O-demethylcurcumin on an invasive multidrug-resistant oral squamous cell carcinoma	Ms. Pailin Chaidech
16.30-18.00 pm.	Exhibitions	
Session 3: International conferences/Oral presentation, Room: Ubolchat		
Chair: Assoc.Prof.Dr. Veeranoot Nissapatorn/ Dr.Nurdina Charong		
13.00-14.00 pm.	Potential of Natural Products: Research, Innovation and Health Products	Assoc. Prof. Dr. Christophe Wiert, Nottingham University, Malaysia
14.00-14.20 pm.	Non Leishmania donovani – A Search from In Vitro Study for Novel Natural Therapy	Ms. Nadiah Syafiqah binti Nor Azman
14.20-14.40 pm.	Utilization Clay Soil Kutai for Reducing MPN Coliform and <i>Escherichia Coli</i> in Domestic Wastewater	Mr. Blego Sedionoto
14.40-15.00 pm.	Phylogeny of <i>Vermamoeba vermiformis</i> Isolated from a Freshwater Fish in Lake Taal	Prof. Dr. Giovanni D. Milanez
15.00-15.30 pm.	Coffee Break and Exhibitions	
15.30-15.50 pm.	Melioidosis in North Central Part of Vietnam: a Series of Cases Detected after Raising Awareness and Introducing a Simple Laboratory Algorithm	Dr. Trinh Thanh Trung
15.50-16.10 pm.	Antimalarial, Anti-hemolytic, Hepatoprotective and Nephroprotective Activities of <i>Gynostemma pentaphyllum</i> Leaf Extract in <i>Plasmodium</i>	Asst. Prof. Dr. Voravuth Somsak

	<i>berghei</i> Infection in Mice	
16:10-16:30 pm.	Acanthamoeba – from Malaysian Plants to Natural Amoebicidal Agents	Ms. Tooba Mahboob
16.30-18.00 pm.	Exhibitions	
18.00 -22.00 pm.	Welcome Dinner/MT-WU Alumni Homecoming Party	

29 March 2017		
08.30-09.00 am.	Registration	
09:00-09:15 am.	Opening ceremony	Prof. Dr.Sombat Thamrongthanyawong President of Walailak University
09.15-09.45 am.	MOU Room: <u>Bongkodrat 3</u>	WU president and Rector
09.45-10.30 am.	Special Topic: Walailak University Hospital Center: The excellence center for Health Care Room: <u>Bongkodrat 3</u>	Prof. Dr.Sombat Thamrongthanyawong President of Walailak University
10.30-10.45 am.	Coffee Break and Exhibitions	
10.45-12.00 am.	60 th years anniversary of Medical Technology Globalization: Strategy of	Assoc. Prof. Somchai Viriyayudhakorn President of Thailand Medical

	Thailand 4.0 Room: <u>Bongkodrat</u>	Technology Council
12.00-13.00 pm.	Lunch and Exhibitions	
Session 1: Current Technology and Innovative for clinical laboratory analysis		
Chair: Dr. Wiyada Kwanhian / Asst.Prof.Dr. Manas Kotepui		
13.00-14.00 pm.	Acute myocardial infraction (AMI) current laboratory diagnosis	Dr.Athakorn Vuthimanop Cardiologist, Maharaj Hospital, Nakhon Si Thammarat
14.00-14.15 pm.	Coffee break and Exhibitions	
14.15-16.15 pm.	Knowledge management for Clinical Instructor: Toward the Research and Innovation	Sujittha Manakul, MT
		Thatsri Chuaychana, MT
		Somnuak Nissaipan, MT
Session 2: Oral Presentation, R2R and Innovative for Health		
Chair: Asst.Prof.Dr.Sueptrakool Wisetsombat/Dr.Suriyan Sukati		
13.00-14.00 pm.	Bioactive compound: Development of Health Innovation	Assoc.Prof.Dr.Monthon Lertcanawanichakul Walailak University
14.00-14.15 pm.	Coffee Break and Exhibitions	
14.15-14.35 pm.	Phytochemical constituents and cholinesterase inhibitory activities of <i>Millingtonia hortensis</i>	Mr. Warachate Khobjai
14.35-14.55 pm.	Anti-oxidant and anti-inflammation activities of <i>Nypa fruitcans</i> palm organic vinegar	Mr. Sa-ngob Laklaeng
14.55-15.15 pm.	Antibacterial effect of plant resin collected by <i>Tetrigona apicalis</i> (Smith, 1857) in Thung Salaeng Luang national park, Phitsanulok	Mr. Sathirapong Kraikongjit
15.15-15.35 pm.	Simvastatin therapy on LDL-C achievement goal in type 2 diabetes patients at Thasala Hospital, Nakhon Si Thammarat, Thailand	Ms.Narissara Kaewboonlert
15.35-15.55 pm.	The effect of lead exposure on immunosuppressive status in boatyard workers in Nakhon Si Thammarat province	Ms. Samita Pukunhaa
15.55-16.15 pm.	Association of serum 25-hydroxyvitamin D concentrations with obesity in Southern Thai population	Ms. Boonnisa Sangkaew
Session 3: International conferences/Oral presentation, Room: <u>Ubolchat</u>		
Chair: Session 3 International conferences/ Oral presentation		
Chair: Dr.Voravut Somsak/Dr. Dang Thi Huong		
13.00-14.00 pm.	Special topic: Accuracy Glucose level system of POCT	Asst.Prof.Dr. Wanvisa Treebuphachatsakul

		Naresuan University
14.00-14.15 pm.	Coffee break and Exhibitions	
14.15-14.35 pm.	Application of Whole-genome sequencing (WGS) in genetic characterization of enterovirus 71 strains causing Hand, Foot and Mouth Disease circulating in Vietnam from 2011 to 2013	Dr. Nguyen Thi Hoa
14.35-14.55 pm.	The hematological alteration of patients parasitized by <i>Plasmodium vivax</i>	Asst. Prof. Dr. Manas Kotepui
14.55-15.15 pm.	BKV infection and risk factors in Vietnamese renal transplant recipients	Dr. Vu Thi My Hanh
15.15-15.35 pm.	Anti-inflammatory effect of chalcone from <i>Chromolaenaodorata</i> (L.) via inhibition of NF-kB pathway in lipopolysaccharide-stimulated RAW264.7 cells	Mr. Rana Dhar
15.35-15.55 pm.	Mangosteen Vinegar Rind (MVR) from <i>Garcinia mangostana</i> Prevents HFD/STZ Induced T2D Nephropathy and Apoptosis	Mr. Naymul karim
16.15-16.30 pm.	Present the best oral and poster awards and Closing ceremony Room: <u>Bongkodrat 3</u>	