

MU-NCKU Week 2019**Wednesday, November 20th, 2019****MU-NCKU Joint Research Centre (JRC) Opening Ceremony**

Venue: MU-NCKU Joint Research Centre (ground floor), Faculty of Dentistry, Phaya Thai Campus, MU

09.30-09.50	Opening Speech of MU-NCKU Week Prof. Dr. Banchong Mahaisavariya, M.D., President of MU Prof. Dr. Huey-Jen Jenny Su, President of NCKU
09.50-10.00	Opening Ceremony of MU-NCKU Joint Research Center (JRC)
10.00-10.10	Exchange of Tokens Group Photo
10.10-10.30	Registration / Tea Break
	Venue: Room 301, 3 rd Floor, Faculty of Dentistry , Mahidol University, Phaya Thai Campus
10.30-10.45	Research & Innovation of National Cheng Kung University Prof. Dr. Hsiao-Wen Wang, NCKU
10.45-11.00	Research & Innovation of The Mahidol University of Faculty of Dentistry Prof. Waranun Buajeeb Dean of the Faculty of Dentistry, MU
11.00-11.20	Medicine
	Joint Workshop of Biomedical Engineering & Dentistry Venue: Room 301, 3 rd Floor, Faculty of Dentistry , Mahidol University, Phaya Thai Campus
	Dental Zirconia Ceramics Prof. Dr. Shu-Fen Chuang Prof. & Director, School of Dentistry & Institute of Oral Science, NCKU Director, Dept. of Stomatology, NCKUH
11.20-12.40	Lunch Break / Poster
12.40-13.00	Development of Stress Reduction Device for Dental Treatment Assoc. Prof. Yodchanan Wongsawat Vice Dean for Research & International Relations Dept. of Biomedical Engineering, MU
13.00-13.20	AI Applications in Dentistry Assoc. Prof. Dr. Rong-Fu Kuo Dept. of Biomedical Engineering, NCKU
13.20-13.40	AI in Medicine Assoc. Prof. Panrasee Ritthipravat Dept. of Biomedical Engineering, MU
13.40-13.55	Tea Break
13.55-14.10	Applying Structural Optimisation in Dental Prosthesis Design Asst. Prof. Dr. Yung-Chung Chen, Asst. Prof., School of Dentistry & Institute of Oral Medicine, NCKU Chief, Division of Prosthodontics, Dept. of Stomatology, NCKUH
14.10-14.25	Oral Health Promotion for Workplace Employee Asst. Prof. Dr. Chun-Chan Ting Asst. Prof., School of Dentistry & Institute of Oral Medicine, NCKU Attending, Division of Periodontics, Dept. of Stomatology, NCKUH
14.25-14.40	Application of Optical Positioning in Dentistry Dr. Douglas Huang CEO, EPED Inc. Taiwan
14.40-16.00	Lab Tour of Faculty of Dentistry
16.00-17.00	Transfer to The Sukosol Bangkok Hotel
17.00	Transfer to the Restaurant
18.00-20.00	Dinner Banquet with MU delegates

Thursday, November 21st, 2019

Medicine

MU-NCKU Mini Symposium of Vector-borne Infectious Diseases

Venue: Room 301, 3rd Floor, **Faculty of Dentistry**, Mahidol University, Phaya Thai Campus

08.30-09.00	Registration
09.00-09.20	Characterization of Quasispecies in Dengue Virus Infections Prof. Dr. Jen-Ren Wang Dept. of Medical Laboratory Science & Biotechnology, NCKU
09.20-09.40	Application of High Throughput Drug Screening in Dentistry Prof. Dr. Suparerk Borwornpinyo Dept. of Biotechnology, MU
09.40-10.00	Antibody Secreting Cells & Dengue Virus Infection Prof. Dr. Guey-Chuen Perng Institute of Basic Medical Sciences, NCKU
10.00-10.20	Alteration of B-Cell Subsets & Their Fates During Acute Dengue Infection Prof. Dr. Kovit Pattanapanyasat Department of Research & Development, MU
10.20-10.40	Applications of Biopolymers in Dentistry Asst. Prof. Nuttawee Niamsiri Dept. of Biotechnology, MU
10.40-11.00	Tea Break
11.00-11.20	Dengue-Specific Memory CD8 T Cells That Have Potential for Protection Against Both Dengue & Zika Virus Infection Instructor, Dr. Jaturong Sewatanon Department of Microbiology, MU
11.20-11.40	Unmet Clinical Needs in Dengue Management: Diagnosis & Prognosis Clinical Asst. Prof. Dr. Tzong-Shiann Ho Dept. of Pediatrics, NCKUH
11.40-12.00	Dengue Subunit Vaccines Prof. Dr. Yee-Shin Lin Dept. of Microbiology & Immunology, NCKU
12.00-12.20	Addressing Vaccine Hesitancy: Looking Beyond Safety Concerns & Public Communication Prof. Dr. Bei-Chang Yang Dept. of Microbiology & Immunology, NCKU
12.20-12.40	Development of Smart Suction Device for Elderly Patients Asst. Prof. Peerapong Santiwong Director, Dental Hospital, Dept. of Orthodontics, MU
12.40-13.40	Lunch Break
13.40-14.00	Applied Science & Engineering
	Symposium on Advanced Materials & Their Practical Applications Venue: Room 301, 3 rd Floor, Faculty of Dentistry , Mahidol University, Phaya Thai Campus
	Introduction to NCKU-MU Week Assoc. Prof. Dr. Shih-Kang Lin, NCKU
14.00-14.20	A Better World by Porous Materials: Energy Storage and Pharmaceutical Applications Asst. Prof. Dr. Teng-Hao Chen Dept. of Pharmacy, NCKU
14.20-14.40	Electrospun Ultrafine Fibers: Versatile & Tunable Materials for Battery Separators Assoc. Prof. Dr. Thammasit Vongsetskul Dept. of Chemistry, MU
14.40-15.00	PLGA Nanoparticles in Drug Delivery Asst. Prof. Dr. Amaraporn Wongrakpanich Dept. of Pharmacy, MU
15.00-15.20	Nanomaterials for Li-ion Batteries Asst. Prof. Dr. Nonglak Meethong Dept. of Physics, KKU
15.20-15.40	Tea Break

15.40-16.00	Theranostic Nanoparticles for Cancer Treatment Dr. Pakatip Ruenraroengsak Dept. of Pharmacy, MU
16.00-16.20	From Waste to Wealth: Using Sustainable Technology Asst. Prof. Dr. Nuttapol Lerkkasemsan Dept. of Chemical Engineering, KMITL
16.20-16.40	Pineapple Leaf Fibers (PALF) as the Sustainable Carbon Anode Material for Lithium-Ion Batteries Prof. Dr. Supacharee Roddecha Dept. of Chemical Engineering, Kasetsart University
16.40- 17.00	Power-To-Gas Technology (PtG): An Efficient Route for CO₂ Utilization Lecturer Sakhon Ratchahat Dept. of Chemical Engineering, MU