



PROGRAM

January 19th, 2019 (Sat)

Day 1

Lecture Room 102,
College of Medicine, National Taiwan University
1 Section 1, Ren'ai Road, Zhongzheng District,
Taipei, Taiwan

102講堂
台大醫學院
台北市中正區仁愛路一段一號

TIME		TOPIC		SPEAKER / AFFILIATION	
8:00 – 8:30		Registration / Coffee & Tea			
8:30 – 8:40		Opening Remarks		Ming-Jer Tang 湯銘哲 (NCKU) Johnsee Lee 李鍾熙 (BioTaiwan)	
Keynote Session				Moderator: Ming-Jer Tang (NCKU)	
8:40 – 9:10		Trend in EV research		Andrew Hill (La Trobe University)	
9:10 – 9:50		EV as a novel diagnostic and therapeutic target for cancer		Takahiro Ochiya 落谷孝広 (National Cancer Centre Japan)	
9:50 – 10:20		Group Photo / Break			
Symposium Session A: EV-based Cancer Diagnosis				Moderator: Jau-Song Yu 余兆松 (CGU)	
10:20 – 10:40		Exploring plasma-derived, exosomal membrane-associated proteins as novel cancer biomarkers		Jau-Song Yu (Chang Gung University)	
10:40 – 11:00		Cancer-derived exosomes as predictive markers for patient outcomes		Andreas Möller (QIMR Berghofer)	
11:00 – 11:20		Unveiling of extracellular miRNA profiles of breast cancer		Wen-Hung Kuo 郭文宏 (NTUH)	
TSEV Meeting		Luncheon @ 第一會議室			
11:20 – 12:00	TSEV General Assembly Meeting Organizer: Tang-Long Shen (TSEV)	11:40 – 12:10	Nano-Flow Cytometry: a platform for comprehensive EV Analysis	NanoFCM Inc. - Jinliang Zhuang, PhD	
		12:15 – 12:45	Technology Spotlight	DKSH 大昌華嘉	
Plenary Talk I				Moderator: Tang-Long Shen (NTU)	
13:30 – 14:05		Extracellular vesicles and mimetic		Yong Song Gho (Pohang University)	
Symposium Session B: EV-based Therapeutics				Moderator: King-Jen Chang (TBCPF)	
14:05 – 14:25		Translating MSC-EVs: Opportunities & Challenges		Sai Kiang Lim 林賽娟 (A*STAR)	
14:25 – 14:45		Extracellular vesicles profiles & therapeutic targets from adipose-derived stem cells		Chia-Chin Wu 吳佳慶 (Nat. Cheng Kung Univ.)	
14:45 – 15:05		PGE2 signaling controls stem cell homeostasis and cancer chemoresistance via regulating exosome biogenesis		Ann Li 李華容 (National Health Research Institute)	
15:05 – 15:25		The therapeutic potential of mesenchymal stem cell derived exosomes in Alzheimer's disease		Ren-Shyan Liu 劉仁賢 (Taipei Veterans General Hospital)	
15:25 – 15:50		Break			
Symposium Session C: EVs in Cancer Metastasis				Moderator: Yi-Chun Wu (NTU)	
15:50 – 16:10		Glycosylation of tumor-derived exosomal integrins participates in cancer progression		Tang-Long Shen 沈湯龍 (National Taiwan University)	
16:10 – 16:30		EIF3C upregulation increased angiogenic exosome secretion in human hepatocellular carcinoma		Yuh-Shan Jou 周玉山 (Academia Sinica)	
16:30 – 16:50		Dynamic interplay between cancer cells and macrophages during cancer progression		Muh-Hwa Yang 楊慕華 (National Yang-Ming University)	
Symposium Session D: EVs in Cancer Proteomics & Genomics				Moderator: Charles Lai (IAMS)	
16: 50 – 17:10		Genomics or proteomic biomarker in circulating EVs and exosomes		Lei Zheng 鄭磊 (Southern Medical University)	
17:10 – 17:15		Comprehensive proteome profiling of exosomes identifies common protein cargo and tumor-specific proteins		Han Sang Kim (Yonsei Cancer Center)	
17:15 – 17:30		Identification of EV secretion associated genes involved in melanoma progression by microRNA-based screening		Nobuyoshi Kosaka (National Cancer Center Japan)	
2019 Asia-Pacific EV Networking				Moderator: Ming-Jer Tang (NCKU)	
17:30 – 18:00		Asia-Pacific EV Societies Takahiro Ochiya 落谷孝広 (Japan Society of Extracellular Vesicles) Yong Song Gho (Korea Society for Extracellular Vesicles) Lei Zheng 鄭磊 (Chinese Society for Extracellular Vesicles) Sai Kiang Lim 林賽娟 (Society for Clinical Research and Translation of EVs Singapore) Andrew Hill (Australasia / International Society for Extracellular Vesicles) Tang Long Shen (Taiwan Society for Extracellular Vesicles)			
Invited Reception Dinner					
18:30 – 21:00		Reception Dinner - Invited Speakers / TSEV			



PROGRAM

January 20th, 2019 (Sun)

Day 2

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TIME	TOPIC	SPEAKER / AFFILIATION
8:30 – 9:00	Registration / Coffee & Tea	
Plenary Talk II: EVs in Cancer Diagnostics and Therapeutics		Moderator: Shau –Ping Lin (NTU)
9:00 – 9:35	Therapeutic application of miRNA, preclinical stage	Hidetoshi Tahara 田原栄俊 (Hiroshima University)
Symposium Session E: EV Detection and Imaging		Moderator: Han-Yi Chou (NTU)
9:35 – 9:55	EV and molecular beacon based liquid biopsy for cancer detection	Li James Lee 李利 (Ohio State University)
9:55 – 10:15	Enriching extracellular vesicles from small samples	Chih-Chen Chen 陳致真 (National Tsing Hua University)
10:15 – 10:35	From seeing to believing: visualization and tracking of extracellular vesicles	Charles Lai 賴品光 (Academia Sinica)
10:35 – 10:55	Break	
Plenary Talk III: EV Cargo and Pathogenesis		Moderator: Muh-Hwa Yang (Yang-Ming University)
10:55 – 11:30	The role of extracellular vesicles in neurodegenerative diseases	Andrew Hill (La Trobe University)
Symposium Session F: EVs in Cancer Biology		Moderator: Yuh-Shan Jou (Academia Sinica)
11:30 – 11:50	Mechanobiology of Ha-RasV12-induced oncogenesis: role of caveolin-1 downregulation and Wnt-5a containing exosome	Ming-Jer Tang 湯銘哲 (National Cheng Kung University)
11:50 – 12:10	The complexity of RNA encapsulated in extracellular vesicles	Kai Wang 王凱 (Institute for Systems Biology)
12:10 – 12:25	MSC exosome for cell-free regenerative joint therapy	Wei Seong Toh 杜韋熊 (National University of Singapore)
Closing Ceremony		
12:25 – 12:30	Closing remarks	Ming-Jer Tang 湯銘哲 (NCKU)

2019 Asia-Pacific Extracellular Vesicles Workshop		
13:30 – 17:00	Session I: Purification and characterization for exosome research (Hands-On)	Tang-Long Shen (NTU) Andreas Möller (QIMR Berghofer)
	Session II: Imaging technology on exosome research (Hands-On)	Charles Lai 賴品光 (Academia Sinica)

Organizers

- Taiwan Society for Extracellular Vesicles
- International Research Center for Wound Repair and Regeneration, NCKU
- Taiwan Proteomics Society
- Center for Biotechnology, NTU
- Center for Systems Biology, NTU
- Taiwan Breast Cancer Foundation

