



Inaugural SOCRATES Scientific Meeting 2013
Exosomes and Microvesicles as Diagnostics & Therapeutics
24 – 25 October 2013
Matrix, A*STAR Biopolis, Singapore

Scientific Program

24 October 2013, Thursday (Day 1)

0800 - 0850hrs	Registration & Coffee/ Tea
0850 – 0855hrs	Welcome Speech Prof Chuen Neng Lee President SOCRATES Chairman, University Surgical Cluster, NUHS, <i>SINGAPORE</i>
0855 – 0900hrs	Opening Address by Guest of Honour Mr Chuan Poh Lim Chairman, A*STAR, <i>SINGAPORE</i>
0900 – 0930hrs	Clinical Applications for Extracellular Vesicles, An Overview Prof Ralf Huss Chief Scientific Officer, Apceth GmbH & Co. KG, <i>GERMANY</i>
SESSION I	Diagnostics
0930 – 1000hrs	Circulating miRNAs in Prognosis and Diagnosis of Cardiovascular Disease Prof Mark Richards Professor in Medicine and Director, Cardiovascular Research Institute, NUHS, <i>SINGAPORE</i>
1000 – 1030hrs	Plasma Vesicles in High Risk Pregnancy Prof Kok Hian Tan Chairman, Division of O&G, KKH Academic Chair of Singhealth Duke-NUS OBGYN ACP, <i>SINGAPORE</i>
1030 – 1100hrs	Coffee/Tea break
1100 – 1130hrs	Protein Vesicle Content and Cardiovascular Disease Prof Dominique de Kleijn Surgery National University of Singapore, Preclinical Director, Cardiovascular Research Institute (CVRI), NUHS, <i>SINGAPORE</i>
1130 – 1200hrs	Proteomics of Cancer Extracellular Vesicles Prof Richard Simpson La Trobe Institute for Molecular Science, La Trobe University, <i>AUSTRALIA</i>
1200 – 1230hrs (Lunch Talk)	Characterization of Exosomes and Microvesicles using Nanoparticle Tracking Analysis Mr Ben Owen Product Specialist & Business Development Manager, Nanosight

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1230 – 1330hrs	Lunch
SESSION II	Educational Course by International Society of Extracellular Vesicles (ISEV) Chairpersons: Prof Dominique de Kleijn / Prof Mark Richards
1330 – 1400hrs	Extracellular Vesicles: Nomenclature, History and Biological Importance Assoc Prof Yong Song Gho Division of Molecular and Life Sciences, Pohang University of Science and Technology, <i>SOUTH KOREA</i>
1400 – 1430hrs	Stem Cell Biology and Extracellular Vesicles Dr Sai Kiang Lim Research Director, A*STAR Institute of Medical Biology, <i>SINGAPORE</i>
1430 – 1500hrs	Extracellular Vesicles in The Central Nervous System Asst. Prof Lawrence Rajendran Division of Psychiatry Research, ETH Zürich, Zurich, <i>SWITZERLAND</i>
1500 – 1530hrs	Coffee/ Tea Break
1530 – 1600hrs	The Role of Extracellular Vesicles in Cancer and Potential for Therapy Prof Dwijendra Gupta Department of Bio-chemistry, University of Allahabad, <i>INDIA</i>
1600 – 1630hrs	Dissecting the Content of Exosomes and Other Extracellular Vesicles Prof Richard Simpson La Trobe Institute for Molecular Science (LIMS) La Trobe University, <i>AUSTRALIA</i>
1630 – 1700hrs	Microvesicular Biomarkers of Glioma – A Model for Consortium Studies Assoc Prof Fred Hochberg Associate Professor of Neurology, Harvard Medical School Neurologist, Massachusetts General Hospital, <i>USA</i>

25 October 2013, Friday (Day 2)

SESSION III	Therapeutics Chairpersons: Prof Lee Chuen Neng / Prof Gert Storm
0830 – 0900hrs	Registration & Coffee/ Tea
0900 – 0930hrs	Genetic Approaches to Understand EV Biogenesis and Protein Budding Prof Stephen Gould Department of Biological Chemistry, John Hopkins University School of Medicine, <i>USA</i>
0930 – 1000hrs	Biochemical Potential of MSC Exosome Dr Ruenn Chai Lai Research Fellow, Exosome and Secreted Nano-vesicle A*STAR Institute of Medical Biology, <i>SINGAPORE</i>
1000 – 1030hrs	Vesicles and Kidney Failure Prof Marianne Verhaar Head Dept Nephrology and Hypertension, UMC Utrecht, <i>NETHERLANDS</i>

1030 – 1100hrs	Coffee/ Tea Break
1100 – 1130hrs	Synthetic Vesicles Prof Gert Storm Department of Pharmaceutics, Utrecht University, <i>NETHERLANDS</i>
1130 – 1200hrs	Capturing EpCAM Positive Exosomes by Peptide Aptamer-Immobilized Materials Prof Kiyotaka Shiba Division Chief of Protein Engineering , Japanese Foundation for Cancer Research, <i>JAPAN</i>

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1200 – 1215hrs (Selected Abstract)	Protein composition of Malassezia Symplodialis extracellular vesicles Prof Annika Scheynius Department of Medicine Solna, Translational Immunology Unit Karolinska University Hospital, <i>SWEDEN</i>
1215 – 12.30hrs (Selected Abstract)	Urinary Exosomes for Cancer Biomarker Discovery Dr Lingzhi Wang Research Fellow, Experimental Therapeutics, Cancer Institute of Singapore, <i>SINGAPORE</i>
1230 – 1330hrs	Lunch
SESSION IV	PLATFORMS Chairpersons: Prof Tan Kok Hian / Prof Marianne Verhaar
1330 – 1400hrs	Biobanking & Applications (General) Prof Gerard Pasterkamp Departement of Cardiology, UMC Utrecht, <i>NETHERLANDS</i>
1400 – 1430hrs	Asian Biobanking Dr Mark Chan Yan Yee Cardiac Department, National University Heart Centre Singapore <i>SINGAPORE</i>
1430 – 1500hrs	Proteomics A/Prof Siu Kwan Sze Director of Proteomics and Mass Spectrometry Facility, School of Biological Sciences, NTU, <i>SINGAPORE</i>
1500 – 1530hrs	Coffee/ Tea Break
1530 – 1600hrs	Uncovering RNA biomarkers in Exosomes and Microvesicles: The Power of Deep RNA Sequencing Dr Alexander Lezhava Group Leader, Translational Research, Genome Institute of Singapore, <i>SINGAPORE</i>
1600 – 1630hrs	Native and artificial extracellular vesicles: Characterizing and manipulating their properties - From single cells to single molecules Prof Horst Vogel Biophysical Chemistry, Swiss Federal Institute of Technology Lausanne <i>SWITZERLAND</i>
1630 – 1700hrs	The US National Institutes of Health (NIH) Extracellular RNA Communication Program Dr Danilo Tagle Associate Director for Special Initiatives, National Center for Advancing Translational Sciences, National Institutes of Health, <i>USA</i>
	CLOSURE
1700 – 1710hrs	Closing Speech Prof Chuen Neng Lee President SOCRATES Chairman, University Surgical Cluster, NUHS, <i>SINGAPORE</i>
1710 – 1830hrs	Networking Coffee / Tea (All are Invited)

Organized by SOCRATES in conjunction with:



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