

POSTER SESSION

17 Nov, 2017 / 15:30 - 16:00

Ballroom 3901/3902, MBS, Level 3

Nanobio Materials & Technologies for Biosensing and Biotechnology

P-1	Graphene Oxide(GO) for Aptamer Screening and Aptasensor Development against Whole Influenza Virus	Sang Hoon Kim
P-2	Screen Printed Electrode Functionalized by using Nature-Derived Microparticles	Sang Hoon Kim
P-3	In vivo inhibition of tumor growth via systemic siRNA delivery with reducible bile acid-tagged polyethylenimine	Yue Yin
P-4	hMSCs to osteogenic differentiation by catechol-derivatized hyaluronic acid/calcium phosphate gene delivery system.	Jung Eun Lee

Biomaterials & Nanomedicine

P-5	Multiscale scaffolds consisting of hydrogel micropatterns and electrospun nanofibers	Won-Gun Koh
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Translational Science & Engineering, Biosensors & medical devices

P-6	Optimal Inter-distance of Dimer Au Nanoparticles with Amphiphilic Polymer Brushes for Plasmonic Sensor	Sang Kyu Kwak
P-7	Modulation of microbiome metabolites to prevent and treat metabolic diseases	Hyerim Kim

Green Energy & Ecoscience

P-8	Stochastic study of fine dust concentration and visibility impairment over urban areas with big data analysis	Wan-Sik Won
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Digital & Information Technology

P-9	An 82% Energy-Efficient Change-Sensing Flip Flop in 40nm CMOS for Ultra-Low Power Applications	Van Loi Le
P-10	An 8T SRAM with Vertical RWL and Data-aware Write Assist for Low Power Application	Lu Lu

Mechanical & Industrial Engineering

P-11	Modeling 3D printing for the space industry	Enea Sacco
P-12	Investigation of geometrical quality in selective laser melting	Zhong Yang Chua
P-13	Uncertainty Quantification for 3D Printing of Customized Thin Film Thermocouples	Haining Zhang

Chemistry & Biology

P-14	Discovery of small molecule therapeutics for the Middle Eastern Respiratory Syndrome - Coronavirus (MERS-CoV)	Han Jie Gan
P-15	Molecular characterization of Vaccinia-related kinase 1(VRK1) – mediated histone phosphorylation to understand chromatin epigenetic regulation	Yeen Shian Ngow
P-16	Identification of anti-oxidant small molecules modulating the molecular behavior of synuclein in Parkinson's Disease	Hui Ting Toh
P-17	Self-association and conformational variation of Nonstructural 5A domain 1 protein from hepatitis C virus	Serap Beldar
P-18	Re-sensitising endocrine resistant ER+ breast cancer by targeting epigenetic modifying enzymes.	Jason Lee
P-19	Autophagy induction in melanoma cell lines.	Jason Lee
P-20	Coronin 1C regulates membrane ruffling and is dephosphorylated by POPX2 phosphatase	Purum kim
P-21	Isolation and biochemical characterization of a Type 2 Ribosome-inactivating protein from <i>Viscum ovalifolium</i>	Quoc Toan Nguyen

Global Health Issues

P-22	Sensorial characteristics of bresaola made from beef, veal, wagyu, mutton and lamb	Michelle Ji Yeon Yoo
P-23	Neurodevelopment defects in cerebellum of offspring born to maternal immune activation	Archana Ashokan