

No.	Code	Title – Life Sciences	Author
1	OL0201	Making the practically impossible 'merely difficult' – cryogenic FIB lift- out for 'damage free' soft matter imaging	Christopher Parmenter, Michael Fay, Cheryl Hartfield, Hoda Eltaher
2	OL0202	Actin-bundling formation of dimeric human fascin-1 was determined by IHRSR and tomography methods	Jeong Min Chung, Sangmin Lee and Jung, Hyun Suk
3	OL0301	Histological study of larval development of the blow fly, <i>Chrysomya megacephala</i> (Diptera: Calliphoridae)	Chutharat Samerjai, Sangob Sanit, Kwankamol Limsopatham, Suttida Suwannayod, Kom Sukontason, Tarinee Chaiwong, Ratana Leksomboon, Kabkaew L. Sukontason
4	OL0302	Ultrastructure of the Immature Blow fly, <i>Lucillia sinensis</i> Aubertin, 1933 (Diptera: Calliphoridae)	Sangob Sanit, Chutharat Samerjai, Narin Sontigun, Tunwadee Klong-klaew, Kwankamol Limsopatham, Hiromu Kurahashi, Kom Sukontason and Kabkaew L. Sukontason
5	OL0401	The combination of atorvastatin and cyanidin-3-glucoside attenuated angiotensin II induced oxidative stress in vascular smooth muscle cells	Rungusa Pantan, Jiraporn Tocharus, Manussabhorn Phassara, Apichart Suksamram, Chainarong Tocharus
6	OL0402	Study of the interaction of <i>Macrobrachium rosenbergii</i> Nodavirus virus-like particles (MrNV-VLPs) in Sf9 insect cells: the hijacking of caveolin-mediated endocytosis and the possible existence of a protruding VLP capsid ligand domain	Monsicha Somrit, Atthaboon Watthammawut, Charoonroj Chotwiwatthanakun, Puey Ounjai, Wattana Weerachayanukul
7	OL0601	Active Targeted Delivery of PLGA-Liposome Nanoparticles Specific for Cervical Cancer Therapy	Suphawadee Bunthot, Somsak Saesoo, Katawut Namdee, Teerapong Yata, Suwatchai Jarussophon, Pawinee Pongwan, Uracha Raktanonchai, Kunat Suktham, Suvimol Surassmo, Nattika Sangkrit
8	OL0602	The Airyscan Detector from Zeiss: Confocal imaging with improved signal-to-noise ratio, faster speed and super-resolution	Xianke SHI,
9	OL0603	Nanoscale approaches to characterize the dynamic and biophysical determinants of receptor-mediated virus internalization	Megan Stanifer, Marta Fratini, Tina Wiegand, Ada Cavalcanti-Adam, Steeve Boulant
10	OL0801	Multimodal approach to improving <i>Macrobrachium rosenbergii</i> aquaculture through in-depth studies into MrNV infection and sperm-egg interaction processes	Atthaboon Watthammawut, Monsicha Somrit, Somluk Asuvapongpatana, Charoonroj Chotwiwatthanakun, Wattana Weerachayanukul
	PL01	Effect of Methionine on Growth Rates of the White Shrimp, <i>Litopenaeus vannamei</i>	Benjamart Pratoomthai, Addison L. Lawrence, Susmita Patnaik
	PL02	Human Dermal Fibroblast Cells Are Unchangeable To Cellular Morphological Aging With Gold Nanoparticles Exposure	Chalernsri Chayatsatid and Amornpun Sereemasun
	PL03	The ethanol extract from red seaweed <i>Gracilaria fisheri</i> inhibits biofilm formation of <i>Vibrio harveyi</i>	Kulwadee Karnjana, Chumporn Soowannayan, Kanokpan Wongprasert

	PL04	The Ethanol Extract from the Red Seaweed <i>Gracilaria fisheri</i> Inhibits Biofilm Formation by <i>Staphylococcus epidermidis</i>	Sakun Thala, Kulwadee Kanjana, Kanokpan Wongprasert
	PL05	Plumbagin, a compound extracted from <i>Plumbago indica</i> , inhibits proliferation and induces apoptosis of stromal cells derived from endometriotic endometrium	Sineenart Songkoomkrong, Piyachat Chansela, Morakot Sroyraya, Narin Changklungmoa, Jaruwan Poljaroen, Sawaek Weerakiet, Yada Tingthanatikul, Areepan Sophonsritsuk, Anna Wongkularb, Srithean Lertvikool, Prasert Sobhon
	PL06	Acute toxicity screen of aqueous leaf extract from <i>Nerium oleander</i> against <i>Pomacea canaliculata</i> Lamarck	Passapan Sriwichai
	PL07	Effect of Estrogen on Angiogenesis in Bovine Follicular Cells	Bongkoch Turathum, Yindee Kitiyanant, David Bates
	PL08	The Sesamin Encouraging Effects on Chondrogenic Differentiation of Human Amniotic Fluid-Derived Mesenchymal Stem Cells	Suteera Narakornsak, Runchana Markmee, Waleephan Tancharoen, Naree Poovachiranon, Paisan Thaojamnong, Lamaiporn Peerapapong, Junjira Keawdee, Nonglak Boonma, Witoon Tasuya, Peeraphan Pothacharoen, Sirinda Aungsuchawan
	PL09	Characterization of multiple contact synapse in cerebellum of tottering mice	Hyun-wook Kim, Eun-Soo Park, Kea Joo Lee, Im Joo Rhyu
	PL10	Characterization of oocyte, follicle cells and follicular fluid proteins from porcine follicles	Mayuva Areekijserree, Hatairuk Tungkasen, Waramanee Pongsawat, Somrudee Phetchrid, Suwapat Jaidee, Supinya Yoomak
	PL11	Effects of combined chondroitinase ABC and 17beta-estradiol on astrocyte aggregation and glia scar degradation	Bamrungsuk K, Chompoopong S
	PL12	Neural Differentiation of Human Dental Pulp Stem Cells Using Conditioned Medium of Embryonic Chick Dorsal Root Ganglion	Cho Zin Linn, Thanasup Gonmanee, Sujitra Jueatin, Hathaitip Sritanandomchai, Sittipon Intarapat, Rattanavijit Vijitrueth, Yindee Kitiyanant, Charoensri Thonabulsombat
	PL13	YB-1 overexpression increases migration and invasion of MDA-MB-231 breast cancer cells	Sukanya Shyama Sundar, Lim Jia Pei, Yu Yingnan and Bay Boon Huat
	PL14	Hemolytic uremic syndrome: A case report	Sakol Suwalak, Winyou Mitarnun
	PL15	Dysmorphic Mitochondria and Endoplasmic Reticulum in Type II Diabetic Rat	Sumate Ampawong, Duangnate Isarangkul, Supattra Suwanmanee, Pornanong Aramwit
	PL16	Correlation between histological parameters in decalcified femoral cortex and human age in adult Thai cadavers, using computerized imaging technique	Hathaichanok Chompoopuen, Jongkolnee Settakorn, Karnda Mekjaidee, Wichan Thumthong, Pasuk Mahakkanukrauh

	PL17	Anti-Oxidant and Anti-Aging Effects of Natural Flavonoid and Diarylheptanoid	Sirinad Tankruad, Pawanrat Chalorak, Prapaporn Jattujan, Patoomratana Tuchinda, Prasert Sobhon, Krai Meemon
	PL18	Human sex-identification using loop-mediated isothermal amplification (LAMP) Technique of <i>TTY</i> gene in urine samples	Gun Anantasomboon, Anucha Wimonchat, Kanokporn Chayaburakul, Sirinda Angsuchawan, Tadsanee Punjanon
	PL19	Association Between LINE-1s Methylation with Methamphetamine use	Korakot Kraijak, Apiwat Mutirangura, Rasmon Kalayasiri
	PL20	Selective localization of cannabinoid receptor type1 (CB1) in the kidney of the restraint-stress mouse	Waraporn Sakaew, Surang Chomphoo, Sawetree Pakkarato, Yada Polsan, Wiphawi Hipkaeo
	PL21	Overexpression of AQP4 and GFAP Related to Clinical Sign of Cerebral Malaria Mice Model	Lanaprai Kwathai, Supin Chompoopong Thanaporn Rungruang
	PL22	Proliferative Myositis of the Vastus Medialis: Benign Lesion Mimicking Sarcoma on Imaging	Chinnawut Suriyonplengsaeng, Supamit Leemasawat, Jariya Waisayarat
	PL23	A novel mutant affecting rice leaf morphology during developmental process	Punyavee Dechkrong, Jun-Ichi Itoh
	PL24	Pollen Types of the subtribe Andrographinae, tribe Ruellieae, family Acanthaceae in Thailand	Winai Somprasong, Yuppadi Paopan, Piyanan Thanomchat
	PL25	The discrepancies of wing hamuli numbers in Indo-Malayan Stingless bees observed under Scanning Electron Microscope (SEM)	Zubaidah A.H ¹ , A.R Shamsul Bahri ²
	PL26	ESEM and EDX Observations on fresh longan fruit after sulphur dioxide fumigation	Suchanya Kojinok, Anuchit Ruangvittayanon, Jakraphong Phimphimol
	PL27	Effect of kaffir lime (<i>Citrus hystrix</i>) oil on the blow fly larvae: <i>Chrysomya megacephala</i> and <i>Chrysomya rufifacies</i> (Diptera: Calliphoridae)	Suttida Suwannayod, Kabkaew L. Sukontason, Pradya Somboon, Anuluck Junkum, Benjawan Pitasawat, Ratana Leksomboon, Tarinee Chaiwong, Kwankamol Limsopatham, Sangob Sanit, Narin Sontigun, Chutarat Samerjai, Tunwadee Klongklaew, Kom Sukontason
	PL28	Visualization of biomedical protein complex with single particle analysis	Sangmin Lee, Jeong Min Chung and Jung, Hyun Suk
	PL29	Microscopy of Internal Structures Related to the Morphogenesis and Gravitropism of Yam Tubers	Michio Kawasaki, Satoko Koizumi, Shun Sasaki
	PL30	3D approaches visualizing helically ordered nano-bio materials	Hyung Joong Yun, Chel-Jong Choi, Hyun Suk Jung
	PL31	Prismatic and Needle-Like Crystals of Calcium Oxalate in Thai Herbs	Yupadee Paopun, Piyanan Thanomchat, Supapan Seraphin

	PL32	A Comparison between the Two Techniques for Preparing Lemon Grass leaf for Scanning Electron Microscopy	Piyanan Thanomchat, Yupadee Paopun
	PL33	The Application of Cryogenic Focused Ion Beam Scanning Electron Microscopy to Hydrogel Characterization	Christopher Parmenter, Abdulraman Baki, Kevin Shakesheff ²