

International BioFest²⁰¹⁶

Celebrating life sciences
with 3 events in 1 week



24 – 27 October 2016

Melbourne Convention
Centre, Melbourne,
Australia

internationalbiofest.org

@ausbiotech #BioFest16



Poster List by Surname:

Title	Name	Organisation	Poster title	Poster number
	Ismael Orlando Aguirre Maclennan	La Trobe Institute for Molecular Science	Generation of Induced Pluripotent Stem cells from the highly endangered Tasmanian Devil	10
	Madura Ananda Kumar	Monash University	Production of recombinant keratinase for sustainable valorisation of protein-rich waste	118
	Marjan Arab	University Of Sydney	Tomato vegetative waste as a potential source of dietary fibre	126
	Kim Arafiles	Hiroshima University	Microbial Whole Cell Biocatalysis for Seaweed Biorefinery: Coupling of degraders and oleaginous marine protist produces functional foods, omega-3/6 fatty acids and astaxanthin, from kelp biomass	58
	Sayuri Arai	Graduate School of Engineering, Nagoya University	Screening of Valuable Cyanobacteria Mutants Using Magnetic Force-Based Cell patterning	86
Dr	Sivakumar Balasubramanian	Bionano Electronics Reserach Center	Functionalized fluorescent hybrid magnetic nanovectors for cancer theragnosis	79
	Anindya Basu	Csir-central Food Technological Research Institite(csir-cftri)	Production of prebiotic Isomaltooligosaccharides from starch and sustainable starch rich sources	117
Dr	Joanna Berlowska	Lodz University Of Technology	Simultaneous saccharification and fermentation of sugar beet pulp	25
	Andrew Boden	Swinburne University	New Antibacterial Coatings Based on the Immobilization of PuroA Antimicrobial Peptides to Colloidal Crystal Layers	84
Prof	Yongping Cai	Anhui Agricultural University	MYB Transcription Factors in Chinese Pear (<i>Pyrus bretschneideri</i> Rehd.): Genome-Wide Identification, Classification, and Expression Profiling during Fruit Development	19

	Miriam Sofia Canavati Alatorre	Universidad De Guadalajara	Growth and Cutinase Activities of <i>Fusarium culmorum</i> Grown in Solid-State Fermentation.	109
	Dai Cao Minh	Department of Plant Biotechnology and Biotransformation, University of Sciences Ho Chi Minh City	Hairy root culture <i>Urena lobata</i> to obtain antidiabetic materials	141
	Shaomeng Chai	Jilin University	A small molecule serine/threonine kinase B (AKT) specific inhibitor COTPAEA induces apoptosis of cancer cells in vitro	130
	Li Cheng	Jiangnan University	Effect of microwave assisted alkaline sodium sulfite pretreatment on enzymatic hydrolysis of corn stover	44
	Deokyeong Choe	Yonsei University	Facile molding process for 3D cellulose hydrogel with high strength	108
Dr	Jong-il Choi	Chonnam National University	Comparison of antioxidant activities of fucoidan degraded with different methods	4
Dr	Jong-il Choi	Chonnam National University	Induction and characterization of <i>Porphyra lucasii</i> pigment mutant	16
	Han Suk Choi	Korea University	Heterologous expression in <i>Pichia pastoris</i> of cellobiose dehydrogenase gene from <i>Phanerochate chrysosporium</i> and its application	82
	Chia-Hung Chu	Ming Chi University Of Technology	Plant polyphenolic compound production in <i>Escherichia coli</i> via L-tyrosine conversion	150
Dr	Jian-ying Dai	Dalian University Of Technology	Sugaring-out extraction coupled with fermentation of acetoin	67
	Erico De Godois Baroni	The University Of Melborune	Characterising the biophysical and dewatering properties of microalgae	37
	Zaynab Derakhshani	Swinburne University Of Technology	Evaluation of barley lines for identification of potential nutraceutical resources	9
	Amanda Dias Da Rocha Lima	Universidade Federal Do Ceara	<i>Morinda citrifolia</i> L. (NONI) fruit as a new vegetable source of milk-clotting proteases	113
	Ning Ding	Jiangnan University	The effects of CBM20 binding on the catalysis of maltooligosaccharide-forming amylases	122
	Ning Ding	Jiangnan University	The effects of starch type on the enzymatic production of maltooligosaccharides	123
	Xiaoyu Dong	Dalian University	Enhanced Ethanol Yield in <i>Saccharomyces cerevisiae</i> Induced by Dielectric Barrier Discharge Plasma in Atmospheric Air	104
Prof	Yuesheng Dong	Dalian University Of Technology	Extraction and purification of plasma proteins from pig blood using salting-out extraction system combined with column chromatography	139
Dr	Piotr Dziugan	Lodz University of Technology	The selection of yeast strains suitable to grow on sugar beet pulp	125
	Katsuhiko Fujii	Yamaguchi University	Marine microalgae <i>Picochlorum</i> sp. strains which prefer high level CO ₂ for growth and their biotechnological potential	17
	Ayano Fujimoto	University of Miyazaki	Optimization of culture conditions and fed-batch cultivation of glycerol assimilating thraustochytrid <i>Aurantionchytrium</i> sp. mh2112.	60
	Pradeep G. C.	Monash University	Microbial production of formic acid dehydrogenase for CO ₂ conversion	57
Prof	Gui Geng	Academy of Agricultural Sciences of Hei Long Jiang University	Comparative physiological and proteomic analysis of two sugar beet cultivars with contrasting drought tolerance	3

Prof	Takeshi Gotoh	Akita University	Oxygen transfer performance in medium atomization bioreactor using a spinning inverted corn	114
Dr	Ruizhi Han	Jiangnan University	Enhanced curdlan production with nitrogen feeding during polysaccharide synthesis by Rhizobium radiobacter	8
Dr	Ruizhi Han	Jiangnan University	DNA Microarray of Global Transcription Factor Mutant Reveals n-Butanol Tolerance Related Genes in Escherichia coli	43
	Tadashi Hatanaka	RIBS, Okayama	Relationship between enzyme activity and structure of Streptomyces feruloyl esterase	63
Prof.	Masahiro Hayashi	University Of Miyazaki	Trial Production of Biodiesel Fuel by fed-batch cultivation of Thraustochytrids	70
Prof.	Weihong He	South China Sea Institute Of Oceanology, Chinese Academy Of Sciences	Seasonal variation of macrobenthic infauna in the Red Bay, South China Sea	24
Dr	Sheryll Hipolito	Zh Aquafarm	Susceptibility of kuruma shrimp, Marsupenaeus japonicus to AHPND strain of Vibrio parahaemolyticus	28
	Kazuhiro Hoshino	University of Toyama	Direct Production of L-Malic Acid and Ethanol from Lignocellulose by Consolidated Bioprocessing Process with Schizophyllum commune Mutant	42
	Lu Hou	Jilin University	The development of deer blood serum enzymatic products and research on its antioxidant effects	30
	Brendan Houston	The University Of Newcastle	Whole body exposure to radiofrequency electromagnetic radiation induces DNA damage in mouse spermatozoa	163
Prof	You-Zung Hsieh	National Chiao Tung University	Gold nanoparticles-assisted electrochemical impedance spectrometry biosensor for coralyne detection	81
Prof	Wang Huazhong	Heilongjiang University, China	The construction of a dense genetic map and its use for QTL location analysis of foremost economic traits in beet	161
	Suong-Hyu Hyon	Kyoto Institute Of Technology (kit) JAPAN	Creation of Antifreeze Polyamino Acid with the Cryoprotective Function	134
Dr	Hideaki Ichihara	Sojo University	Therapeutic Effects of Cationic Hybrid Liposomes against Colon Carcinoma in vitro and in vivo	88
Dr	Hideaki Ichihara	Sojo University	Therapeutic effects of hybrid liposomes against colon carcinoma xenograft mouse model in vivo	89
Dr	Hideaki Ichihara	Sojo University	Therapeutic effects of trehalose liposomes against lymphoblastic of leukemia along with apoptosis	90
	ChaeHo Im	Pusan National University	Intermediate chemical production by autotrophic CO2 reduction in bioelectrochemical system	51
	Kousuke Inamura	Sojo University	Selective Elimination of Tumorigenic Hepatic Stem Cells Using Hybrid Liposomes	157
	Khairul Anwar Ishak	University Of Malaya	A stable medium-chain-length poly-3-hydroxyalkanoates (mcl-PHA)-based nanoparticle through Phase Inversion Emulsification (PIE)	73

	Momoko Ishida	Ehime University	Immunostimulatory effect of dried bonito extract on mouse macrophage-like J774.1 cells and mouse peritoneal macrophages.	13
	Yuki Isogawa	Kobe University	Streptavidin-hydrogel as a scaffold for enzyme immobilization	87
	Ryo Iwakura	University of Toyama	Elucidation of Dimorphic Mechanism on Zygomycota <i>Mucor circinelloides</i>	46
	Sujin Jung	Hanyang University-ERICA Graduate School	Oleic Acid-Embedded Nanoliposome as a Selective Tumoricidal Agent	148
Prof	So Young Kang	Chonnam National University	The isolation of antiviral coumarins from <i>Cirsium japonicum</i> var. <i>ussuriense</i> leaves against viral hemorrhagic septicemia virus and its efficacy in olive flounder <i>Paralichthys olivaceus</i>	31
	Aranishi Kaori	Kansai University	Effect of irradiation of red light on the growth rate of <i>Nostoc commune</i>	102
	Daisuke Kasai	Nagaoka University of Technology	Characterization of natural rubber degradation gene in <i>Rhizobacter gummiphilus</i> NS21	96
	Maho Katayama	Tokyo City University	Effect of hydration-aggregation treatment on the esterification activity of lipases	101
Dr	Junichi Kato	Department Of Molecular Biotechnology, Hiroshima University	Molecular Characterization of Chemotaxis Involved in Plant Infection in <i>Ralstonia solanacearum</i>	112
	Shun Kawai	Graduate School of Pharmaceutical Sciences, Nagoya University	Early detection of Nerve Growth Factor regulatory molecule by using image-based cell morphological evaluation	135
	Bit-Na Kim	Chonbuk National University	Surface modified lysosomes based on overexpression of bacteriophage-derived proteins on yeast vacuolar outer membrane	159
	Eugene Kim	Yonsei University	Multi-layered Chitosan Capsules for colon targeted oral delivery of oligonucleotides	146
	Miyeon Kim	Pusan National University	3-hydroxypropionic acid production from glycerol by recombinant <i>Klebsiella pneumoniae</i> in bioelectrochemical system	34
	Dong Sup Kim	Korea University	Effect of redox enzyme-immobilization methods on electron transfer in EFC system	76
	Sang Hoon Kim	Korea University	Functionalization of 3D microparticles for Biotechnological Applications	78
Prof	Tae-jip Kim	Chungbuk National University	Production of prebiotic L-arabinose and arabinooligosaccharides via synergistic actions of microbial arabinan-degrading enzymes	21
Prof	Junehyung Kim	Dong-a University	Development of New Anchoring motif for <i>Bacillus subtilis</i> Cell Surface Display Using <i>YuaB</i> Biofilm Component and its application for heavy metal removal	100
Prof	Jungbae Kim	Korea University	Antifouling based on enzymatic quorum-quenching	93
Prof	Young-Pil Kim	Hanyang University	Functional DNA Footprinting for Sensing Protein-Biothiol Interactions	77
Prof	Dorota Kregiel	Lodz University Of Technology	Amino acid profiles of salt-free lysates obtained by saponin action	1
	Puja Kumari	Swinburne University of Technology	Potential application of Cyclic beta glucans from <i>Azospirillum lipoferum</i> MTCC 2306 in drug delivery	115
Prof	Ryuichiro Kurane	Chubu University	Newly isolated microbes secretes enzymes that degrade millie rice/wheat straw with high efficiency ; Direct sacharification and direct alcohol fermentation	59

	Pattana Laopaiboon	Khon Kaen University	Alternative nitrogen sources for lactic acid production from sweet sorghum juice	91
	Lakkana Laopaiboon	Khon Kaen University	Optimization of sugar and nitrogen concentrations for high ethanol production efficiency from sweet sorghum stem juice using response surface methodology	61
	Samuel Law	The University Of Melbourne	Hexane Recovery from Ruptured Concentrated Microalgae Paste via Centrifugation	49
Assoc. Prof	Hu-hui Lee	National Chiayi University	Modulate the in vitro fertilization of mouse for transgenesis	145
Dr	Mi Kyeong Lee	Chungbuk National University	Antioxidant and tyrosinase inhibitory activity of pollen and bee pollen: Effect of different origin and preparation process	2
	Chorong Lee	Pusan National University	Removal of hexavalent chromium wastewater in cathodic chamber in microbial fuel cell	64
	Cheng-Yu Lee	National ChiaoTung University	Copper ion triggered polymerization with photo-induced current biosensor for pyrophosphatase detection	74
	E. K. Lee	Hanyang University	Resolution of Postional Isomers of Mono-PEGylated Exenatide Analogs by Preparative Ion Exchange Chromatography	154
Dr	Qian Li	Dalian University	Improvement of stress tolerance for industrial yeasts by marine oligosaccharides	111
Dr	Wenchu Li	South China Agricultural University	Studies on Chloride Ion Channel Protein Genes and Coenzyme in Diapause Termination of Silkworm, Bombyx mori	27
	Fanghua Li	Monash University	Bio-oil production by catalytic pyrolysis of microalgae	36
	Chen Liangliang	Nanjing Tech University	Improved solubility and activity of recombinant glycosyltransferase UGT76G1 from Stevia rebaudiana expressed in Escherichia coli	142
Dr	Ming-chun Lin	Industrial Technology Research Institute	Magnetic iron oxide nanoparticle-based hyperthermia for biofilms eradication of prosthetic joint infection	83
Prof	Yi Lin	Anhui Agricultural University	Metabolic Analysis of Medicinal Dendrobium officinale and Dendrobium huoshanense during Different Growth Years	18
Dr	Chen-Guang Liu	Shanghai Jiao Tong University	Instant catapult steam explosion: a promising strategy before chemical pretreatment of lignocellulose	50
Dr	Chen-Guang Liu	Shanghai Jiao Tong University	Redox potential control for enhancement of Saccharomyces cerevisiae tolerance to inhibitors from lignocellulosic biomass	119
	Zhaoxing Liu	Nanjing Tech University	Enhanced L-citrulline production in engineered Corynebacterium glutamicum by NADPH regeneration	105
	Petra Lovecka	UCT Prague	Properties of bacterial endophytes and their potential applications	22
Prof	Tomas Macek	University of Chemistry and Technology, Prague	Transgenic plants tailored to overcome stressing conditions or improve phytoremediation	33
Dr	Duncan Macinnis	Accugen Pty Ltd	A novel method for quantification in qPCR	129
	Jubayer-Al Mahmud	Kagawa University	β -aminobutyric acid (BABA) confers salt stress tolerance in rapeseed (Brassica napus L.) by improving antioxidant and glyoxalase systems	128

	Ayako Matsuda	University Of Miyazaki	Xylose Adaptation and fed-batch cultivation of xylose Assimilating Thraustochytrids	72
Dr	Takuya Matsumoto	Kobe University	Sortase A-mediated metabolic enzyme ligation	66
Dr	Md Abdul Mazid	University of Dhaka	Purification of Proteases from Bacillus licheniformis Mutants and Its Application as Thrombolytic Agents	153
Dr	Petra Menova	Max Planck Institute Of Colloids And Interphases	Progress towards a Streptococcus pneumoniae semi-synthetic glycoconjugate vaccine	151
	Heo Mi Young	Chonbuk National University	Effect of Lysosome-Related Organelles Isolated from Egg-white on Senescence Inhibition on Cut Flower	103
Prof	Keisuke Miyauchi	Tohoku Gakuin University	Construction of arsenic detection system using Rhodococcus strains	98
	Takahiro Mizutami	Sojo University	Screening of the drugs to overcome drug resistance of human hepatoma hepg2 cells by using three-dimensional culture	156
	Aya Nagaoka	University Of Miyazaki	Metabolome Analysis of Central Metabolism of the Xylose Assimilating Thraustochytrid	55
Prof	Kenichi Nagase	Tokyo Women's Medical University	Thermoresponsive Polymer Modified Micro Fibers for Temperature-Modulated Cell Separations	162
	Sogo Nishimoto	Ishikawa Prefectural University	Effect of major spice extracts on response of mammalian immune cells	6
Dr	Yuya Nishimura	Kobe University	Less-invasive anticancer efficacy by a combination of bio-nanocapsule/liposome complex and radiation therapy	144
	Shuhei Noda	Riken	Metabolic engineering of a platform Escherichia coli to produce various chorismate derivatives	54
Dr	Ahmad Noormazlinah	Universiti Malaysia Pahang	The production of novel prebiotic (fos) by enzymatic reaction of phytoenzymes from ananas comosus waste. Case study: one factor at one time study via design expert approach.	124
	Hiroyuki Onda	Research and Analysis Center, Central Research Institute, Development and Manufacturing Group, S&B Foods Inc.	Immunostimulatory effect of dried coriander seed extract on mouse macrophage-like RAW264.7 cells and mouse peritoneal macrophages.	14
	Ji Hoon Park	Pusan National University	Nitric oxide-releasing poly(lactic-co-glycolic acid) nanofiber matrices for application to wound healing	147
	Ra-Mi Park	Chonbuk National University	Inflammatory Regulation by Alginate oligosaccharides on Macrophage RAW264.7 Cells	143
Assoc. Prof	Lydia Pascual	University Of Southern Mindanao	Proliferative effect of Bauhinia integrifolia and Bauhinia purpurea on human Bone-marrow Mesenchymal Stem Cells (hBMSCs)	152
	Kerstin Petroll	Macquarie University	Cell-free conversion of biomass to glucaric acid	95
	Jan Piotrowski	Krajowa Spółka Cukrowa SA	The valorization of sugar beet pulp as a feed nutritional formulation	32

	Nature Poddar	The University Of Melbourne	Utilization of glycerol for mixotrophic growth of microalgae and lipid accumulation	71
	Karthika Radhakrishnan	RMIT	Evaluation of the effect of over expression of aire, an h3k4me0 reader in germ cells	137
	Danielle Regn	Intertek Pharmaceutical Services	Switching Assay Platform, Capture, or Detection Reagents Can Boost Procedural Robustness When Detecting an Antibody-Drug Conjugate	160
Dr	Sangho Roh	Seoul National University	Role of Sonic Hedgehog pathway in the proliferation and stemness of murine skin-derived precursor cells	155
Prof	Jeong Hyun Seo	Yeungnam University	Versatile Signal Sequence for Efficient Periplasmic Translocation of Heterologous Proteins in Escherichia coli	127
	Nadin Shagaghi	Swinburne University	Anticancer activity of rationally designed Trp-rich peptides based on PuroA peptide	131
Dr	Yosuke Shida	Nagaoka University Of Technology	The effect of beta-glucosidase mutation in cellulolytic fungus Trichoderma reesei mutant	69
Dr	Kong-sik Shin	National Institute Of Agricultural Science, Rda	Event-Specific Multiplex PCR Assay for Simultaneous Detection of Genetically Modified Cotton Events Imported in Korea	107
	Jihyun Shin	Hongik University	Biotransformation of high concentration lysine into cadaverine using Escherichia coli	94
Dr	Tomokazu Shirai	Riken	Microbial bioproduction with the design of metabolism and the targeted enzyme engineering	56
Dr	Soo-In Sohn	National Institute Of Agricultural Sciences	Effects of CaMSRB2-Expressing Transgenic Rice Cultivation on Soil Microbial Communities	136
	Young Eun Song	Pusan National University	Electricity generation using active metal-free oxygen reduction cathode catalyst in microbial fuel cell	45
Prof	Henry Eric Spinnler	Agroparistech	pH gradient and mass transfer in a model cheese matrix when Penicillium camemberti is grown on the surface	20
Prof	Henry Eric Spinnler	Agroparistech	Chemo-Enzymatic Synthesis of Chiral Epoxides Ethyl and Methyl (S)-3-(Oxiran-2-yl)propanoates from Renewable Levoglucosenone: An Access to Enantiopure (S)-Dairy Lactone	38
Prof	Henry Eric Spinnler	Agroparistech	Controlled addition of glycerol into the fermenter prevent the accumulation and toxicity of 3-Hydroxypropionaldehyde in the conversion of glycerol to 3-Hydroxypropionic acid by Lactobacillus reuteri	40
Dr	Chun Su	Shaanxi Normal University	Simultaneous production of prodigiosin and serrawettins as the main bioactive compounds by Serratia surfactantfaciens sp. nov.	120
	Mishal Subhan	R.M.I.T	Production of lovastatin in statin resistant strains of Aspergillus terreus	116
Prof	Takuya Sugahara	Ehime University	Effect of lysozyme on RAW264.7 cells stimulated by lipopolysaccharide	5
Dr	Yaqin Sun	Dalian University of Technology	Oscillation behavior of glycerol metabolism to 1,3-propanediol by Klebsiella pneumoniae CGMCC 2028	62
Dr	Yoshio Suzuki	National Institute of Advanced	Development of Fluorescent Magnetic Particles for "On-Off" Switching based	75

		Industrial Science and Technology	Detection of Various Lectin-Saccharide Interactions	
	Ichiro Suzuki	Yokohama National University	Analysis of bacterial contamination routes in the production process of traditional fermented food by next generation sequencing.	92
Prof	Wu Sz Jie	National Taiwan University	Improving the content of gamma-aminobutyric acid in the seeds of legumes by high-pressure technology	15
	Ayuka Tagashira	Ehime University	Effects of 3-phenylamino-L-alanine (PAA) and 4-aminophenol (4-AP) on chemotaxis and expression of chemokine receptors in human eosinophils	7
	Eri Tagawa	Kansai University	The characterizaion and screening of supercooling-facilitating materials of purine base	121
	Hiroaki Takaku	Niigata University of Parmacy and Applied Life Scieces	Establishment of a new genetic transformation system and its application for genetic engineering on lipid production in the oleaginous yeast <i>Lipomyces starkeyi</i>	48
	Maki Takano	University of Toyama	Bioethanol Production from Paper Sludge by Novel Thermotolerant Ethanol Producing-fungus	35
	Mika Takashima	Kansai University	Screening and identification of Maillard reaction-inhibiting material from Miso.	65
Dr	Tsutomu Tanaka	Kobe University	Metabolic engineering for putrescine production from cellobiose by beta-glucosidase displaying <i>E. coli</i>	53
	Xingjun Tian	Nanjing University	Enzyme activity and decomposition products in hydrolysis of kitchen garbage	106
	Dao Viet Linh	Nagaoka University Of Technology	Characterization of rubber degradation by a <i>Rhodococcus</i> rubber degrader	97
Dr	Chunxia Wang	Nanfang Hospital, Southern Medical University	Paeoniflorin elicits a dopamine D2 receptor-independent inhibitory effect on prolactin secretion in prolactinoma cells	149
Dr	Yuchi Wang	Industrial Technology Research Institute	Bio-resorbable thermal sensitive hydrogel (BioGel) for biomedical application	132
Prof	Weiyun Wang	Anhui Agricultural University	Quercetin-loaded PLGA nanoparticles: a highly effective antibacterial agent in vitro and anti-infection application in vivo	23
Dr	Hee-Jong Woo	National Institute of Agricultural Sciences	Genomic variation induced by tissue culture in rice by whole genome re-sequencing	12
Prof	Yan Xiang	Anhui Agricultural University	Genome-wide identification and expression analysis of the IQD gene family in moso bamboo (<i>Phyllostachys edulis</i>)	11
	Zhi-long Xiu	Dalian University Of Technology	Sugaring-out extraction coupled with fermentation of bio-based chemicals	68
Dr	Guo-Chao Xu	Jiangnan University	Enhancing cellulose accessibility of corn stover by deep eutectic solvent pretreatment for butanol fermentation	47
Dr	Guo-Chao Xu	Jiangnan University	Crystal structure of tyrosine decarboxylase and identification of key residues involved in conformational swing and substrate binding	99
Dr	Guo-Chao Xu	Jiangnan University	Hydroclassified combinatorial saturation mutagenesis for engineering enantioselectivity of a diaryl alcohol dehydrogenase	110
	Satoki Yamashita	University of Toyama	Construction of a Xylose-fermentable Mutant from Thermotolerant Lactic acid-	39

			producing Fungi by Ion-beam Irradiation	
Dr	Harutake Yamazaki	Niigata University Of Pharmacy And Applied Life Sciences	Isolation and characterization of oleaginous yeast <i>Lipomyces starkeyi</i> mutants that accumulate high levels of triacylglycerol	52
Dr	Yan YANG	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	Chimeric nucleolin aptamer with hemin for cancer cell targeted delivery and antiproliferation	133
	Kyungjik Yang	Department of Biotechnology, College of Life Science and Biotechnology, Yonsei University	Stable oral delivery of nucleic acid drugs to colon cancer by chitosan microcapsules cross-linked with phytic acid	158
	Yoon-Mo Yang	Hanyang University	OhrR, a Peroxide-sensing Transcriptional Regulator, As a Protein Sensor for the Detection of Low Molecular Weight Biothiols in Human Plasma	85
	Saki Yokota	Akita University	Exploration of a Proximal Protein to Baculovirus GP64 in Sf9 Insect Cells	138
Dr	Jihee Yoon	Chonbuk National University	Functional Cell Organelles as Lysosomes for Multipurpose Eco-materials	140
	Soi Yun	Hanyang University	Generation of High-Affinity Peptides from Phage Display Technique for Immunodiagnosics and Immuno-Separation Application	80
Dr	Li Zhang	South China Sea Institute Of Oceanology, Chinese Academy Of Sciences	Spatial Patterns of Macrobenthic Fauna Communities Associated with Environmental Factors in the Red Bay, South China Sea	26
	Zhanying Zhang	Queensland University Of Technology	Cultivation of oleaginous filamentous fungi for microbial oil production	41
Prof	Suwen Zhu	Anhui Agricultural University	Systematic analysis of maize class III peroxidase gene family reveals a conserved subfamily involved in abiotic stress response	29