

연도	논문 제목	게재 학술지명	저자 중 참여교수	
			주저자	기타저자
2016년	Functional polarization of neuroglia: Implications in neuroinflammation and neurological disorders	BIOCHEMICAL PHARMACOLOGY		이원하
2016년	Galangin prevents aminoglycoside-induced ototoxicity by decreasing mitochondrial production of reactive oxygen species in mouse cochlear cultures	TOXICOLOGY LETTERS	김언경	
2016년	Immunocytochemical localization of the calcium-binding proteins calbindin D28K, calretinin, and parvalbumin in bat visual cortex	HISTOLOGY AND HISTOPATHOLOGY	전창진	
2016년	TET1 contributes to neurogenesis onset time during fetal brain development in mice	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	류재웅	
2016년	The pathological effects of connexin 26 variants related to hearing loss by in silico and in vitro analysis	HUMAN GENETICS	김언경,전창진	
2016년	Isoquercitrin, isolated from Aster yomena triggers ROS-mediated apoptosis in Candida albicans	JOURNAL OF FUNCTIONAL FOODS	이동건	
2016년	Metabolic Control of Glia-Mediated Neuroinflammation.	CURRENT ALZHEIMER RESEARCH		이원하
2016년	Methionine Sulfoxide Reductase B3-Targeted In Utero Gene Therapy Rescues Hearing Function in a Mouse Model of Congenital Sensorineural Hearing Loss	ANTIOXIDANTS & REDOX SIGNALING	김언경	류재웅
2016년	Myricitrin Ameliorates 6-Hydroxydopamine-Induced Dopaminergic Neuronal Loss in the Substantia Nigra of Mouse Brain	JOURNAL OF MEDICINAL FOOD	김상룡	
2016년	Pathogenicity and genetic characteristics associated with cell adaptation of a virulent porcine reproductive and respiratory syndrome virus nsp2 DEL strain CA-2	VETERINARY MICROBIOLOGY	이창희	
2016년	Types and density of calbindin D28k-immunoreactive ganglion cells in mouse retina	EXPERIMENTAL EYE RESEARCH	전창진	
2016년	(-)-Nortrachelogenin from Partrinia scabiosaefolia elicits an apoptotic response in Candida albicans	FEMS YEAST RESEARCH	이동건	
2016년	Endophyte distribution and comparative analysis of diversity in wetlands showing contrasting geomorphic conditions	Symbiosis	김종국	

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2016년	IDH2 deficiency impairs mitochondrial function in endothelial cells and endothelium-dependent vasomotor function	FREE RADICAL BIOLOGY AND MEDICINE		박진우
2016년	Pathogenic upregulation of glial lipocalin-2 in Parkinsonian dopaminergic system	JOURNAL OF NEUROSCIENCE	김상룡	
2016년	Spatiotemporal expression pattern of the zebrafish aquaporin 8 family during early developmental stages	GENE EXPRESSION PATTERNS	허태린	
2016년	Suppression of c-Myc induces apoptosis via an AMPK/mTOR-dependent pathway by 4-O-methyl-ascochlorin in leukemia cells	APOPTOSIS	배영석	
2016년	1,2,4,5-Tetramethoxybenzene Suppresses House Dust Mite-Induced Allergic Inflammation in BALB/c Mice	INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY		이현식
2016년	16 α , 17 α -epoxypregnenolone-20-oxime inhibits NO and IL-6 production in LPS-treated RAW264.7 cells	MOLECULAR MEDICINE REPORTS		이동석
2016년	Antibacterial activity of curcumin via apoptosis-like response in Escherichia coli	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	이동건	
2016년	CRISPR/Cas9-induced knockout and knock-in mutations in Chlamydomonas reinhardtii	SCIENTIFIC REPORTS		김경진
2016년	Efficacy of an inactivated genotype 2b porcine epidemic diarrhea virus vaccine in neonatal piglets	VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY	이창희	
2016년	Identification of Synaptic Patterns of NMDA Receptor Subtypes Upon Direction-Selective Rabbit Retinal Ganglion Cells	CURRENT EYE RESEARCH	전창진	
2016년	Impact of a Bacterial Volatile 2,3-Butanediol on Bacillus subtilis Rhizosphere Robustness	FRONTIERS IN MICROBIOLOGY		김사열
2016년	Oncogenic Mutation of AIMP2/p38 Inhibits Its Tumor-Suppressive Interaction with Smurf2	CANCER RESEARCH		강범식
2016년	Serum amyloid A1 levels and amyloid deposition following a high-fat diet challenge in transgenic mice overexpressing hepatic serum amyloid A1.	APPLIED PHYSIOLOGY NUTRITION AND METABOLISM	류재웅	

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2016년	Structural Insights into a Novel Class of Aspartate Aminotransferase from <i>Corynebacterium glutamicum</i>	PLOS ONE	김경진	
2016년	Bowmanella dokdonensis sp. nov., a novel exoelectrogenic bacterium isolated from the seawater of Dokdo, Korea	ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR	김사열	
2016년	Complete mitochondrial genome of <i>Cygnus cygnus</i> (Aves, Anseriformes, Anatidae).	Mitochondrial DNA		김종국
2016년	Crystal structure of amylomaltase from <i>Corynebacterium glutamicum</i>	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	김경진	
2016년	DNA Barcoding of Metazoan Zooplankton Copepods from South Korea	PLOS ONE		이영섭
2016년	Fermented <i>Acanthopanax koreanum</i> root extract reduces UVB- and H ₂ O ₂ -induced senescence in human skin fibroblast cells	JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY	배영석	
2016년	Iron overload-induced calcium signals modulate mitochondrial fragmentation in HT-22 hippocampal neuron cells.	TOXICOLOGY	이동석	이현식
2016년	Isoliquiritigenin impairs insulin signaling and adipocyte differentiation through the inhibition of protein-tyrosine phosphatase 1B oxidation in 3T3-L1 preadipocytes.	FOOD AND CHEMICAL TOXICOLOGY	이동석	이현식
2016년	Naringin attenuates granule cell dispersion in the dentate gyrus in a mouse model of temporal lobe epilepsy	EPILEPSY RESEARCH	김상룡	
2016년	PEP-1-GSTpi protein enhanced hippocampal neuronal cell survival after oxidative damage	BMB REPORTS		권오신
2016년	Peroxisredoxin II promotes hepatic tumorigenesis through cooperation with Ras/Forkhead box M1 signaling pathway.	ONCOGENE		이동석
2016년	Potential Application of the <i>Oryza sativa</i> Monodehydroascorbate Reductase Gene (OsMDHAR) to Improve the Stress Tolerance and Fermentative Capacity of <i>Saccharomyces cerevisiae</i>	PLOS ONE	윤호성	
2016년	Scolopendin 2 leads to cellular stress response in <i>Candida albicans</i>	APOPTOSIS	이동건	

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2016년	Carnosic acid attenuates unilateral ureteral obstruction-induced kidney fibrosis via inhibition of Akt-mediated Nox4 expression	FREE RADICAL BIOLOGY AND MEDICINE		박진우
2016년	Cecropin A-induced Apoptosis is Regulated by Ion Balance and Glutathione Antioxidant System in Candida albicans	IUBMB LIFE	이동건	
2016년	Control of Granule Cell Dispersion by Natural Materials Such as Eugenol and Naringin: A Potential Therapeutic Strategy Against Temporal Lobe Epilepsy	JOURNAL OF MEDICINAL FOOD	김상룡	
2016년	Crystal structures of aldehyde deformylating oxygenase from Limnothrix sp. KNUA012 and Oscillatoria sp. KNUA011	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	윤호성	
2016년	IDH2 deficiency promotes mitochondrial dysfunction and dopaminergic neurotoxicity: implications for Parkinson's disease	FREE RADICAL RESEARCH	박진우	김상룡
2016년	IFT46 plays crucial roles in craniofacial and cilia development	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	이현식	박진우, 권오신, 강범식, 이동석
2016년	JNK and p38 mitogen-activated protein kinase pathways contribute to porcine epidemic diarrhea virus infection	VIRUS RESEARCH	이창희	
2016년	Structural basis for cytokinin production by LOG from Corynebacterium glutamicum	SCIENTIFIC REPORTS	김경진	
2016년	Capsaicin inhibits the Wnt/beta-catenin signaling pathway by down-regulating PP2A	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	이현식	
2016년	Complete mitochondrial genome of Cygnus olor (Aves, Anseriformes, Anatidae)	Mitochondrial DNA		김종국
2016년	Critical role of XBP1 in cancer signaling is regulated by PIN1	BIOCHEMICAL JOURNAL	이동석	
2016년	Decursinol angelate inhibits PGE2-induced survival of the human leukemia HL-60 cell line via regulation of the EP2 receptor and NFκB pathway	CANCER BIOLOGY & THERAPY	이영섭	
2016년	Inactivation of the FoxO3a transcription factor is associated with the production of reactive oxygen species during protein kinase CK2 downregulation-mediated senescence in human colon cancer and breast cancer cells	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	배영석	

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2016년	Inhibition of autophagy enhances dynamin inhibitor-induced apoptosis via promoting Bak activation and mitochondrial damage in human Jurkat T cells	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	김영호	
2016년	Mitochondria-targeted DsRed2 protein expression during the early stage of bovine somatic cell nuclear transfer embryo development	IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMAL	이동석	
2016년	Pyruvate Dehydrogenase Kinase 2 and 4 Gene Deficiency Attenuates Nociceptive Behaviors in a mouse Model of Acute Inflammatory Pain	JOURNAL OF NEUROSCIENCE RESEARCH		이원하
2016년	Structure and catalytic mechanism of monodehydroascorbate reductase, MDHAR, from Oryza sativa L. japonica	SCIENTIFIC REPORTS	윤호성	
2016년	The splicing factor SRSF1 modulates pattern formation by inhibiting transcription of tissue specific genes during embryogenesis	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	이현식	권오신,강범식,박진우,이동석
2016년	A mutation of the succinate dehydrogenase B gene in a Korean family with paraganglioma	FAMILIAL CANCER	김언경	
2016년	Antibacterial Activity of Hibicuslide C on Multidrug-Resistant Pseudomonas aeruginosa	CURRENT MICROBIOLOGY	이동건	
2016년	CD200R/Foxp3-mediated signalling regulates microglial activation	SCIENTIFIC REPORTS		김상룡
2016년	Genetic analysis of COL11A2 in Korean patients with autosomal dominant non-syndromic hearing loss	GENES & GENOMICS	김언경	
2016년	Genetic association of MYH genes with hereditary hearing loss in Korea	Gene	김언경	
2016년	IDH2 knockdown sensitizes tumor cells to emodin cytotoxicity in vitro and in vivo	FREE RADICAL RESEARCH	박진우	권오신,강범식,이동석,이현식
2016년	Increased obesity resistance and insulin sensitivity in mice lacking the isocitrate dehydrogenase 2 gene	FREE RADICAL BIOLOGY AND MEDICINE	박진우	
2016년	Naringenin ameliorates kainic acid-induced morphological alterations in the dentate gyrus in a mouse model of temporal lobe epilepsy	NEUROREPORT	김상룡	배영석

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2016년	NSrp70 is significant for embryonic growth and development, being a crucial factor for gastrulation and mesoderm induction	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	이현식	
2016년	Peroxiredoxin 5 (Prx5) decreases LPS-induced microglial activation through regulation of Ca2+/calcineurin-Drp1-dependent mitochondrial fission	FREE RADICAL BIOLOGY AND MEDICINE	이동석	이현식
2016년	A novel fungal killing mechanism of propionic acid	FEMS YEAST RESEARCH	이동건	
2016년	Crystal structure and pyridoxal 5-phosphate binding property of lysine decarboxylase from Selenomonas ruminantium	PLOS ONE	김경진	
2016년	Nigral dopaminergic PAK4 prevents neurodegeneration in rat models of Parkinson's disease	SCIENCE TRANSLATIONAL MEDICINE		김상룡
2016년	Silibinin triggers yeast apoptosis related to mitochondrial Ca2+ influx in Candida albicans	INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY	이동건	
2016년	Anti-septic effects of pelargonidin on HMGB1-induced responses in vitro and in vivo	ARCHIVES OF PHARMACAL RESEARCH		이현식
2016년	Oxalomalate reduces expression and secretion of vascular endothelial growth factor in the retinal pigment epithelium and inhibits angiogenesis: Implications for age-related macular degeneration	REDOX BIOLOGY	박진우	
2016년	Phytol has antibacterial property by inducing oxidative stress response in Pseudomonas aeruginosa	FREE RADICAL RESEARCH	이동건	
2017년	Antifungal activity of the cationic antimicrobial polymer-polyhexamethylene guanidine hydrochloride and its mode of action	FUNGAL BIOLOGY	이동건	
2017년	Crystal structure and Ralstonia eutropha polyhydroxyalkanoate synthase c-terminal domain and reaction mechanisms	BIOTECHNOLOGY JOURNAL	김경진	
2017년	Downregulation of IDH2 exacerbates H2O2-mediated cell death and hypertrophy	REDOX REPORT	박진우	
2017년	Grhl3 modulates epithelial structure formation of the circumvallate papilla during mouse development	HISTOCHEMISTRY AND CELL BIOLOGY		이상규

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2017년	Lysine decarboxylase with an enhanced affinity for pyridoxal 5-phosphate by disulfide bond-mediated spatial reconstitution	PLOS ONE	김경진	
2017년	Overexpression of serum amyloid a 1 induces depressive-like behavior in mice	BRAIN RESEARCH	류재웅	
2017년	Perturbations of Carotenoid and tetrapyrrole biosynthetic pathways result in differential alterations in chloroplast function and plastid signaling	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	정선요	
2017년	Pharmacologic Inhibition of Autophagy Sensitizes Human Acute Leukemia Jurkat T Cells to Acacetin-Induced Apoptosis	JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY	김영호	
2017년	Structure and function of the N-terminal domain of Ralstonia eutropha polyhydroxyalkanoate synthase, and the proposed structure and mechanisms of the whole enzyme	BIOTECHNOLOGY JOURNAL	김경진	
2017년	Fungicide Bac8c triggers attenuation of mitochondrial homeostasis and caspase-dependent apoptotic death	BIOCHIMIE	이동건	
2017년	Genome analysis of a hyper acetone-butanol-ethanol (ABE) producing Clostridium acetobutylicum BKM19	BIOTECHNOLOGY JOURNAL		김경진
2017년	Structural basis for redox sensitivity in Corynebacterium glutamicum diaminopimelate epimerase: an enzyme involved in L-lysine biosynthesis	SCIENTIFIC REPORTS	김경진	