

제품	발행 년도	제목	저자	논문정보	링크 (More Information)
Oligo	2013	AP-1/IRF-3 Targeted Anti-Inflammatory Activity of Andrographolide Isolated from <i>Andrographis paniculata</i>	Ting Shen, Woo Seok Yang, Young-Su Yi, Gi-Ho Sung, Man Hee Rhee, Haryoung Poo, Mi-Yeon Kim, Kyung-Woon Kim, Jong Heon Kim, and Jae Youl Cho	Evid Based Complement Alternat Med. 2013; 2013: 210736.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3690257/#!po=25.4098
Oligo	2013	7,8-Dihydroxyflavone Suppresses Oxidative Stress-Induced Base Modification in DNA via Induction of the Repair Enzyme 8-Oxoguanine DNA Glycosylase-1	Ki Cheon Kim, In Kyung Lee, Kyoung Ah Kang, Ji Won Cha, Suk Ju Cho, Soo Young Na, Sungwook Chae, Hye Sun Kim, Suhkmann Kim, and Jin Won Hyun	Biomed Res Int. 2013; 2013: 863720	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3787557/#!po=25.0000
Oligo	2013	Association between FAT Gene and Schizophrenia in the Korean Population	Young-Eun Jung, and Tae-Youn Jun	Clin Psychopharmacol Neurosci. 2013 August; 11(2): 67-71	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3766757/
Oligo	2013	Evaluation and Selection of Multilocus Variable-Number Tandem-Repeat Analysis Primers for Genotyping <i>Brucella abortus</i> Biovar 1 Isolated from Human Patients	Subok Lee, Kyu-Jam Hwang, Mi-Yeoun Park, Seon-Do Hwang, Hee-Youl Chai, Hyuk Chu, and Sang-Hee Park	Osong Public Health Res Perspect. 2013 October; 4(5): 265-270	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3845229/
Oligo	2013	Genetic diversity of porcine reproductive and respiratory syndrome virus in Korea	Eun-Jin Choi, Chang-Hee Lee, Jae-Young Song, Hee-Jong Song, Choi-Kyu Park, Byoungan Kim, Yeun-Kyung Shin	J Vet Sci. 2013 June; 14(2): 115-124	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3694182/
Oligo	2013	Mutant p53-Notch1 Signaling Axis Is Involved in Curcumin-Induced Apoptosis of Breast Cancer Cells	Yun-Hee Bae, Jong Hyo Ryu, Hyun-Joo Park, Kwang Rok Kim, Hee-Jun Wee, Ok-Hee Lee, Hye-Ock Jang, Moon-Kyoung Bae, Kyu-Won Kim, and Soo-Kyung Bae	Korean J Physiol Pharmacol. 2013 August; 17(4): 291-297.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3741485/
Oligo	2013	Neutral sphingomyelinase 2 modulates cytotoxic effects of protopanaxadiol on different human cancer cells	Bonggoo Park, Yong-Moon Lee, Jae-Sung Kim, Youl Her, Ju Hee Kang, Seung-Hyun Oh, and Hwan-Mook Kim	BMC Complement Altern Med. 2013; 13: 194.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3729373/
Oligo	2013	Release of tissue inhibitor of metalloproteinase-2 from alginate microcapsule encapsulating genetically engineered cells	Yeon Seong Kim,* Young-II Jeong,* Shu-Guang Jin, Jian Pei, Min Wen, In-Young Kim, Kyung-Sub Moon, Tae-Young Jung, Hyang-Hwa Ryu, and Shin Jung,	Int J Nanomedicine. 2013; 8: 4351-4359.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3826773/
Oligo	2013	Antiadipogenic Effects of <i>Aster glehni</i> Extract: In Vivo and In Vitro Effects	Heon-Myung Lee, Gabsik Yang, Tae-Gue Ahn, Myung-Dong Kim, Agung Nugroho, Hee-Juhn Park, Kyung-Tae Lee, Wansu Park, and Hyo-Jin An,*	Evid Based Complement Alternat Med. 2013; 2013: 859624.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3705792/
Oligo	2013	Salinomycin induces cell death via inactivation of Stat3 and downregulation of Skp2	K H Koo, H Kim, Y-K Bae, K Kim, B-K Park, C-H Lee,* and Y-N Kim*	Cell Death Dis. 2013 June; 4(6): e693.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3702291/
Oligo	2013	Molecular Identification of <i>Echinococcus multilocularis</i> Infection in Small Mammals from Northeast, Iran	Molouk Beirumvand, Lame Akhlaghi, Seyed Hossein Fattahi Massom, Ahmad Reza Meamar, Jamshid Darvish, and Elham Razmjou*	PLoS Negl Trop Dis. 2013 July; 7(7): e2313.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3708880/

Oligo	2013	Low glibenclamide concentrations affect endoplasmic reticulum stress in INS-1 cells under glucotoxic or glucolipotoxic conditions	Min Jeong Kwon, Hye Suk Chung, Chang Shin Yoon, Eun Ju Lee, Tae Kyun Kim, Soon Hee Lee, Kyung Soo Ko, Byoung Doo Rhee, Mi Kyung Kim, and Jeong Hyun Park	Korean J Intern Med. 2013 May; 28(3): 339–346.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3654132/
Oligo	2013	Dectin-1 Stimulation Selectively Reinforces LPS-driven IgG1 Production by Mouse B Cells	Beom-Seok Seo, Sang-Hoon Lee, Ju-Eon Lee, Yung-Choon Yoo, Junglim Lee, and Seok-Rae Park	Immune Netw. 2013 October; 13(5): 205–212.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3817302/
Oligo	2013	Alum Directly Modulates Murine B Lymphocytes to Produce IgG1 Isotype	Bo-Ra Jin, Sun-Jin Kim, Jeong-Min Lee, Seong-Ho Kang, Hye-Ju Han, Young-Saeng Jang, Goo-young Seo, and Pyeung-Hyeun Kim	Immune Netw. 2013 February; 13(1): 10–15.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3607705/#_ffn_sectitle
Oligo	2013	The role of thioredoxin 1 in the mycophenolic acid-induced apoptosis of insulin-producing cells	K H Huh, Y Cho, B S Kim, J H Do, Y-J Park, D J Joo, M S Kim, and Y S Kim*	Cell Death Dis. 2013 July; 4(7): e721.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3730420/
Oligo	2013	Mesenchymal Stem Cell Lines Isolated by Different Isolation Methods Show Variations in the Regulation of Graft-versus-host Disease	Hyun Seung Yoo, TacGhee Yi, Yun Kyoung Cho, Woo Cheol Kim, Sun U Song, and Myung-Shin Jeon	Immune Netw. 2013 August; 13(4): 133–140.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3759710/
Oligo	2013	Effects of Serotonin on Erythropoietin Expression in Mouse Hippocampus	Miyeon Choi and Hyeon Son	Exp Neurobiol. 2013 March; 22(1): 45–50.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3620458/
Oligo	2013	Effect of Prostaglandin E2 on Vascular Endothelial Growth Factor Production in Nasal Polyp Fibroblasts	Dong Yeol Han, Jung-Sun Cho, You-Mi Moon, Hye-Rim Lee, Heung-Man Lee, Byung Don Lee, and Byoung Joon Baek	Allergy Asthma Immunol Res. 2013 July; 5(4): 224–231.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3695237/
Oligo	2013	Non-Viral Transfection Methods Optimized for Gene Delivery to a Lung Cancer Cell Line	Loghman Salimzadeh, Mansooreh Jaberipour, Ahmad Hosseini, and Abbas Ghaderi	Avicenna J Med Biotechnol. 2013 Apr-Jun; 5(2): 68–77.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3689559/
Oligo	2013	TGF- β 1 and hypoxia-dependent expression of MKP-1 leads tumor resistance to death receptor-mediated cell death	J Park, J Lee, W Kang, S Chang, E-C Shin, and C Choi	Cell Death Dis. 2013 February; 4(2): e521.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3734814/
Oligo	2013	Overexpression of Ubiquitin and Amino Acid Permease Genes in Association with Antimony Resistance in Leishmania tropica Field Isolates	Elham Kazemi-Rad, Mehdi Mohebbali, Mohammad Bagher Khadem-Erfan, Homa Hajjaran, Ramtin Hadighi, Ali Khamesipour, Sassan Rezaie, Mojtaba Saffari, Reza Raoofian, Mansour Heidari	Korean J Parasitol. 2013 August; 51(4): 413–419.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3770871/
Oligo	2013	Cloning, Nucleotide Sequencing and Bioinformatics Study of NcSRS2 Gene, an Immunogen from Iranian Isolate of Neospora caninum	M Soltani, A Sadrebazzaz, M Nassiri, M Tahmoo	Iran J Parasitol. 2013 Jan-Mar; 8(1): 114–127.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3655249/
Oligo	2013	Extracellular Signal-Regulated Kinase Is a Direct Target of the Anti-Inflammatory Compound Amentoflavone Derived from Torreya nucifera	Jueun Oh, Ho Sik Rho, Yanyan Yang, Ju Young Yoon, Jongsung Lee, Yong Deog Hong, Hyeon Chung Kim, Sun Shim Choi, Tae Woong Kim, Song Seok Shin, Jae Youl Cho	Mediators Inflamm. 2013; 2013: 761506.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3736407/
Oligo	2013	Genetic Polymorphism of Cytochrome p450 (2C19) Enzyme in Iranian Turkman Ethnic Group	Robabeh Ghiyas Tabari, Abdoljalal Marjani, Ogholdondy Agh Ataby, Azad Reza Mansourian, Nader Mansour Samai	Oman Med J. 2013 July; 28(4): 237–244.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3725252/

Oligo	2013	p38/AP-1 Pathway in Lipopolysaccharide-Induced Inflammatory Responses Is Negatively Modulated by Electrical Stimulation	Deok Jeong, Jaehwi Lee, Young-Su Yi, Yanyan Yang, Kyoung Won Kim, Jae Youl Cho	Mediators Inflamm. 2013; 2013: 183042.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3649710/
Oligo	2013	Developing microRNA screening as a functional genomics tool for disease research	Derek Lemons, Mano R. Maurya, Shankar Subramaniam, Mark Mercola	Front Physiol. 2013; 4: 223.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3753477/
Oligo	2013	Intestinal Protective Effects of Herbal-Based Formulations in Rats against Neomycin Insult	Shambhunath Bose, Kyung-Wan Han, Myeong-Jong Lee, Hojun Kim	Evid Based Complement Alternat Med. 2013; 2013: 161278.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3638609/
Oligo	2013	Identification, Selection, and Enrichment of Cardiomyocyte Precursors	Bianca Ferrarini Zanetti, Walter José Gomes, Sang Won Han	Biomed Res Int. 2013; 2013: 390789.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3703389/
Oligo	2013	Insulin Like Growth Factor Binding Protein-5 Regulates Excessive Vascular Smooth Muscle Cell Proliferation in Spontaneously Hypertensive Rats via ERK 1/2 Phosphorylation	Dong Hyup Lee, Jung Eun Kim, Young Jin Kang	Korean J Physiol Pharmacol. 2013 April; 17(2): 157–162.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3634093/
Oligo	2013	A comparison of antioxidant activity of Korean White and Red Ginsengs on H2O2-induced oxidative stress in HepG2 hepatoma cells	Sang-Hyun Sohn, Si-Kwan Kim, Young-Ock Kim, Hyung-Don Kim, Yu-Su Shin, Seung-Ok Yang, Seung-Yu Kim, Sang-Won Lee	J Ginseng Res. 2013 October; 37(4): 442–450.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3825859/
Oligo	2013	Reactive oxygen species-responsive miR-210 regulates proliferation and migration of adipose-derived stem cells via PTPN2	J H Kim, S G Park, S-Y Song, J K Kim, J-H Sung	Cell Death Dis. 2013 April; 4(4): e588.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3641340/
Oligo	2013	Anti-Inflammatory Effect of Quercetagenin, an Active Component of Immature Citrus unshiu, in HaCaT Human Keratinocytes	Gyeoung-Jin Kang, Sang-Chul Han, Jong-Woo Ock, Hee-Kyoung Kang, Eun-Sook Yoo	Biomol Ther (Seoul) 2013 March; 21(2): 138–145.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3762315/
Oligo	2013	Boehmeria nivea Stimulates Glucose Uptake by Activating Peroxisome Proliferator-Activated Receptor Gamma in C2C12 Cells and Improves Glucose Intolerance in Mice Fed a High-Fat Diet	Sung Hee Kim, Mi Jeong Sung, Jae Ho Park, Hye Jeong Yang, Jin-Taek Hwang	Evid Based Complement Alternat Med. 2013; 2013: 867893.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3638624/
Oligo	2013	Expression of peroxisome proliferator-activated receptor (PPAR)-α and PPAR-γ in the lung tissue of obese mice and the effect of rosiglitazone on proinflammatory cytokine expressions in the lung tissue	Seung Lok Ryu, Jae Won Shim, Duk Soo Kim, Hye Lim Jung, Moon Soo Park, Soo-Hee Park, Jinmi Lee, Won-Young Lee, Jung Yeon Shim	Korean J Pediatr. 2013 April; 56(4): 151–158.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3641311/
Oligo	2013	Rhinovirus-Infected Epithelial Cells Produce More IL-8 and RANTES Compared With Other Respiratory Viruses	Yoon Hong Chun, Ju Young Park, Huisu Lee, Hyun Sook Kim, Sulmui Won, Hyun Jung Joe, Woo Jin Chung, Jong-seo Yoon, Hyun Hee Kim, Jin Tack Kim, Joon Sung Lee	Allergy Asthma Immunol Res. 2013 July; 5(4): 216–223.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3695236/
Oligo	2013	Protective Effects of Oleic Acid Against Palmitic Acid-Induced Apoptosis in Pancreatic AR42J Cells and Its Mechanisms	Joung Hoon Ahn, Min Hye Kim, Hyung Joo Kwon, Soo Young Choi, Hyeok Yil Kwon	Korean J Physiol Pharmacol. 2013 February; 17(1): 43–50.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3579104/

Oligo	2013	Gastrodin Protects Apoptotic Dopaminergic Neurons in a Toxin-Induced Parkinson's Disease Model	Hemant Kumar, In-Su Kim, Sandeep Vasant More, Byung-Wook Kim, Young-Yil Bahk, Dong-Kug Choi	Evid Based Complement Alternat Med. 2013; 2013: 514095.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3603713/
Oligo	2013	Natural antibody to apoptotic cell membranes inhibits the proinflammatory properties of lupus autoantibody immune complexes	Jaya Vas, Caroline Grönwall, Ann Marshak-Rothstein, and Gregg J. Silverman	Arthritis Rheum. Author manuscript; available in PMC 2013 October 1	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3462267/
Oligo	2013	Association between Arsenic Suppression of Adipogenesis and Induction of CHOP10 via the Endoplasmic Reticulum Stress Response	Yongyong Hou, Peng Xue, Courtney G. Woods, Xia Wang, Jingqi Fu, Kathy Yarborough, Weidong Qu, Qiang Zhang, Melvin E. Andersen, Jingbo Pi	Environ Health Perspect. 2013 February; 121(2): 237–243	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3569692/
Oligo	2013	Synthetic RNA devices to expedite the evolution of metabolite-producing microbes	Jina Yang, Sang Woo Seo, Sungho Jang, So-I Shin, Chae Hyun Lim, Tae-Young Roh & Gyoo Yeol Jung	Nature Communications 4, 1413	http://www.nature.com/ncomms/journal/v4/n1/full/ncomms2404.html
Oligo	2013	Microbial production of short-chain alkanes	Yong Jun Choi, Sang Yup Lee	Nature 502, 571-573 (24 October 2013)	http://www.nature.com/nature/journal/v502/n7472/full/nature12536.html
Oligo	2013	Rbfox3-regulated alternative splicing of Numb promotes neuronal differentiation during development	Kee K. Kim, Joseph Nam, Yoh-suke Mukoyama, Sachiyo Kawamoto	J Cell Biol. 2013 February 18; 200(4): 443–458.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3575530/
Oligo	2013	PPP1R1B-STARD3 chimeric fusion transcript in human gastric cancer promotes tumorigenesis through activation of PI3K/AKT signaling	S M Yun, K Yoon, S Lee, E Kim, S-H Kong,	Oncogene doi:10.1038/onc.2013.472	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2013472a.html
Oligo	2013	Radiation-induced angiogenic signaling pathway in endothelial cells obtained from normal and cancer tissue of human breast	E-T Oh, M-T Park, M-J Song, H Lee, Y U Cho, S J Kim, Y-C Chu, E K Choi & H J Park	Oncogene doi:10.1038/onc.2013.70	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc201370a.html
Oligo	2013	TNF- α Gene Silencing Using Polymerized siRNA/Thiolated Glycol Chitosan Nanoparticles for Rheumatoid Arthritis	So Jin Lee, Aeju Lee, Seung Rim Hwang, Jong-Sung Park, Jiyeon Jang, Myung Sook Huh, Dong-Gyu Jo, Soo-Young Yoon, Youngro Byun, Sun Hwa Kim, Ick Chan Kwon, Inchan Youn and Kwangmevung Kim	Molecular Therapy (22-October-2013)	http://www.nature.com/mt/journal/vaop/ncurrent/full/mt2013245a.html
Oligo	2013	Macrophage Glucose-6-Phosphate Dehydrogenase Stimulates Proinflammatory Responses with Oxidative Stress	Mira Ham, Joo-Won Lee, A Hyun Choi, Hagoon Jang, Goun Choi, Jiyoung Park, Chisayo Kozuka, Dorothy D. Sears, Hiroaki Masuzaki, Jae Bum Kim	Mol Cell Biol. 2013 June; 33(12): 2425–2435.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3700093/
Oligo	2013	A novel fluorescent reporter system for monitoring and identifying RNase III activity and its target RNAs	Kwang-sun Kim, Sunyoung Park, Soohyun Lee, Sun Bin Kang, Jeongmin Lee, Seung-Goo Lee, Choong-Min Ryu	RNA Biol. 2012 September 1; 9(9): 1167–1176.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3579884/
Oligo	2013	Prolonged Activation of ERK Contributes to the Photorejuvenation Effect in Photodynamic Therapy in Human Dermal Fibroblasts	Yong Hyun Jang, Gi-Bang Koo, Joo-Young Kim, You-Sun Kim and You Chan Kim	Journal of Investigative Dermatology 133, 2265-2275	http://www.nature.com/jid/journal/v133/n9/full/jid201325a.html

Oligo	2013	Matrix metalloproteinase-inspired suicidal treatments of diabetic ulcers with siRNA-decorated nanofibrous meshes	H S Kim and H S Yoo	Gene Therapy 20, 378-385 (April 2013)	http://www.nature.com/gt/journal/v20/n4/full/gt201249a.html
Oligo	2013	Functional Roles of FgLaE in Controlling Secondary Metabolism, Sexual Development, and Virulence in <i>Fusarium graminearum</i>	Hee-Kyoung Kim, Seunghoon Lee, Seong-Mi Jo, Susan P. McCormick, Robert A. E. Butchko, Robert H. Proctor, and Sung-Hwan Yun	PLoS One. 2013; 8(7): e68441	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3713025/#/po=55.2326
Oligo	2013	Hypermethylation and Post-Transcriptional Regulation of DNA Methyltransferases in the Ovarian Carcinomas of the Laying Hen	Jin-Young Lee,# Wooyoung Jeong,# Whasun Lim, Chul-Hong Lim, Seung-Min Bae, Jinyoung Kim, Fuller W. Bazer, and Gwonhwa Song,*	PLoS One. 2013; 8(4): e61658	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3629126/
Oligo	2013	Comparative Genomic Characterization of Three <i>Streptococcus parauberis</i> Strains in Fish Pathogen, as Assessed by Wide-Genome Analyses	Seong-Won Nho, Jun-ichi Hikima, Seong Bin Park, Ho Bin Jang, In Seok Cha, Motoshige Yasuike, Yoji Nakamura, Atsushi Fujiwara, Motohiko Sano, Kinya Kanai, Hidehiro Kondo, Ikuo Hirono, Haruko Takeyama, Takashi Aoki,7,* and Tae-Sung Jung,	PLoS One. 2013; 8(11): e80395.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3832376/
Oligo	2013	Magnetic Separation and Antibiotics Selection Enable Enrichment of Cells with ZFN/TALEN-Induced Mutations	Hyojin Kim,# Myung-Sun Kim,# Gabbine Wee,# Choong-il Lee, Hyongbum Kim,* and Jin-Soo Kim,*	PLoS One. 2013; 8(2): e56476.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3575389/
Oligo	2013	Generating In Vivo Cloning Vectors for Parallel Cloning of Large Gene Clusters by Homologous Recombination	Jeongmin Lee, Eugene Rha, Soo-Jin Yeom, Dae-Hee Lee, Eui-Sung Choi, Seung-Goo Lee	PLoS One. 2013; 8(11): e79979.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3823602/
Oligo	2013	Avian WNT4 in the Female Reproductive Tracts: Potential Role of Oviduct Development and Ovarian Carcinogenesis	Chul-Hong Lim, Whasun Lim, Wooyoung Jeong, Jin-Young Lee, Seung-Min Bae, Jinyoung Kim, Jae Yong Han, Fuller W. Bazer, Gwonhwa Song	PLoS One. 2013; 8(7): e65935.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3699571/
Oligo	2013	Biocompatibility of a Novel Cyanoacrylate Based Tissue Adhesive: Cytotoxicity and Biochemical Property Evaluation	Young Ju Lee, Gyeong Bok Jung, Samjin Choi, Gihyun Lee, Ji Hye Kim, Ho Sung Son, Hyunsu Bae, Hun-Kuk Park	PLoS One. 2013; 8(11): e79761.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3838346/
Oligo	2013	Timing of Umbilical Cord Blood Derived Mesenchymal Stem Cells Transplantation Determines Therapeutic Efficacy in the Neonatal Hyperoxic Lung Injury	Yun Sil Chang, Soo Jin Choi, So Yoon Ahn, Dong Kyung Sung, Se In Sung, Hye Soo Yoo, Won Il Oh, Won Soon Park	PLoS One. 2013; 8(1): e52419.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3549907/
Oligo	2013	The mTORC2 Component Rictor Contributes to Cisplatin Resistance in Human Ovarian Cancer Cells	Akechai Im-aram, Lee Farrand, Seung-Min Bae, Gwonhwa Song, Yong Sang Song, Jae Yong Han, Benjamin K. Tsang	PLoS One. 2013; 8(9): e75455.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3781115/
Oligo	2013	Transthyretin Is a Key Regulator of Myoblast Differentiation	Eun Ju Lee, Abdul R. Bhat, Majid Rasool Kamli, Smritee Pokharel, Tahoon Chun, Yong-Ho Lee, Sang-Seop Nahm, Joo Hyun Nam, Seong Koo Hong, Bohsuk Yang, Ki Young Chung, Sang Hoon Kim, Inho Choi	PLoS One. 2013; 8(5): e63627.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3661549/

Oligo	2013	Regulation of Microglia Activity by Glaucocalyxin-A: Attenuation of Lipopolysaccharide-Stimulated Neuroinflammation through NF- κ B and p38 MAPK Signaling Pathways	Byung-Wook Kim, Sushruta Koppula, Seong-Su Hong, Sae-Bom Jeon, Ji-Hye Kwon, Bang-Yeon Hwang, Eun-Jung Park, Dong-Kug Choi	PLoS One. 2013; 8(2): e55792.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3564949/
Oligo	2013	Expressed Sequence Tags for Bovine Muscle Satellite Cells, Myotube Formed-Cells and Adipocyte-Like Cells	Eun Ju Lee, Majid Rasool Kamli, Smritee Pokharel, Adeel Malik, K. M. A. Tareq, Abdul Roouf Bhat, Hee-Bok Park, Yong Seok Lee, SangHoon Kim, Bohsuk Yang, Ki Young Chung, Inho Choi	PLoS One. 2013; 8(11): e79780.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3818215/
Oligo	2013	Inhibition of Xenograft Tumor Growth by Gold Nanoparticle-DNA Oligonucleotide Conjugates-Assisted Delivery of BAX mRNA	Ji-Hyun Yeom, Sang-Mi Ryou, Miae Won, Mira Park, Jeehyeon Bae, Kangseok Lee	PLoS One. 2013; 8(9): e75369.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3779183/
Oligo	2013	Engineering of Family-5 Glycoside Hydrolase (Cel5A) from an Uncultured Bacterium for Efficient Hydrolysis of Cellulosic Substrates	Amar A. Telke, Ningning Zhuang, Sunil S. Ghatge, Sook-Hee Lee, Asad Ali Shah, Haji Khan, Youngsoon Um, Hyun-Dong Shin, Young Ryun Chung, Kon Ho Lee, Seon-Won Kim	PLoS One. 2013; 8(6): e65727.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3681849/
Oligo	2013	HIV-1 Tat Interacts with and Regulates the Localization and Processing of Amyloid Precursor Protein	Jiyoung Kim, Jee-Hyun Yoon, Yeon-Soo Kim	PLoS One. 2013; 8(11): e77972.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3843664/
Oligo	2013	Association between in vivo alcohol metabolism and genetic variation in pathways that metabolize the carbon skeleton of ethanol and NADH reoxidation in the Alcohol Challenge Twin Study	Penelope A Lind, Stuart Macgregor, Andrew C Heath, Pamela AF Madden, Grant W Montgomery, Nicholas G Martin, and John B Whitfield	Alcohol Clin Exp Res. 2012 December; 36(12): 2074–2085	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3729587/
Oligo	2013	Cancer upregulated gene 2, a novel oncogene, confers resistance to oncolytic vesicular stomatitis virus through STAT1-OASL2 signaling	W Malilas, S S Koh, R Srisuttee, W Boonying, I-R Cho, C-S Jeong, R N Johnston and Y-H Chung	Cancer Gene Therapy 20, 125-132 (February 2013)	http://www.nature.com/cgt/journal/v20/n2/full/cgt201296a.html
Oligo	2013	Improving cellular uptake and in vivo tumor suppression efficacy of liposomal oligonucleotides by urea as a chemical penetration enhancer	Mostafa Saffari, Ali Mohammad Tamaddon, Farshad Hoseini Shirazi, Mohammad Ali Oghabian and Hamid Reza Moghimi	The Journal of Gene Medicine: 12–19	http://onlinelibrary.wiley.com/doi/10.1002/jgm.2688/pdf
Oligo	2013	Antimetastatic Effect of Halichondramide, a Trisoxazole Macrolide from the Marine Sponge Chondrosia corticata, on Human Prostate Cancer Cells via Modulation of Epithelial-to-Mesenchymal Transition	Yoonho Shin, Gi Dae Kim, Ju-eun Jeon, Jongheon Shin, Sang Kook Lee	Mar Drugs. 2013 July; 11(7): 2472–2485.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3736435/
Oligo	2013	Metabolic syndrome influences cardiac gene expression pattern at the transcript level in male ZDF rats	Márta Sárközy, Ágnes Zvara, Nóra Gyémánt, Veronika Fekete, Gabriella F Kocsis, Judit Pipis, Gergő Szűcs, Csaba Csonka, László G Puskás, Péter Ferdinandy, Tamás Csont	Cardiovasc Diabetol. 2013; 12: 16.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3599923/

Oligo	2013	Does phosphorylation of cofilin affect the progression of human bladder cancer?	Hong Chung,# Bokyung Kim,# Seung-Hyo Jung, Kyung-Jong Won, Xiaowen Jiang, Chang-Kwon Lee, So Dug Lim, Sang-Kuk Yang, Ki Hak Song, and Hong Sup Kim	BMC Cancer. 2013; 13: 45.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3568060/
Oligo	2013	Restoration of angiogenic capacity of diabetes-insulted mesenchymal stem cells by oxytocin	Yong Sook Kim, Jin Sook Kwon, Moon Hwa Hong, Wan Seok Kang, Hye-yun Jeong, Hye-jin Kang, Myung Ho Jeong, and Youngkeun Ahn	BMC Cell Biol. 2013; 14: 38.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3827832/
Oligo	2013	Human retinal pigment epithelial cells express the long pentraxin PTX3	Je Moon Woo, Min-Young Kwon, Da-Yong Shin, Young-Ho Kang, Narae Hwang, and Su Wol Chung	Mol Vis. 2013; 19: 303–310.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3566900/
Oligo	2013	ROS and ERK1/2-mediated caspase-9 activation increases XAF1 expression in dexamethasone-induced apoptosis of EBV-transformed B cells	GA BIN PARK, YUNOCK CHOI, YEONG SEOK KIM, HYUN-KYUNG LEE, DAEJIN KIM, and DAE YOUNG HUR	Int J Oncol. 2013 July; 43(1): 29–38.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3742161/
Oligo	2013	Phosphatidylinositol 4-phosphate 5-kinase α negatively regulates nerve growth factor-induced neurite outgrowth in PC12 cells	Tian Liu, Sang Yoon Lee	Exp Mol Med. 2013 March; 45(3): e16.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3641393/
Oligo	2013	Mycophenolic acid regulates spleen tyrosine kinase to repress tumour necrosis factor- α -induced monocyte chemotactic protein-1 production in cultured human aortic endothelial cells	Tai Yeon Koo, Yoon Ji Kim, Won Seok Yang, Jung Sik Park, Nam Jeong Han, Joo Mi Lee and Su Kil Park	Cell Biology International: 19–28	http://onlinelibrary.wiley.com/doi/10.1002/cbin.10003/pdf
Oligo	2013	6-Shogaol, an active compound of ginger, protects dopaminergic neurons in Parkinson's disease models via anti-neuroinflammation	Gunhyuk Park, Hyo Geun Kim, Mi Sun Ju, Sang Keun Ha, Yongkon Park, Sun Yeou Kim and Myung Sook Oh	Acta Pharmacologica Sinica 34, 1131-1139 doi:10.1038/aps.2013.57	http://www.nature.com/aps/journal/v34/n9/full/aps201357a.html
Oligo	2013	Berberine Inhibits Myofibroblast Differentiation in Nasal Polyp-Derived Fibroblasts via the p38 Pathway	You-Mi Moon, Il-Ho Park, Jung-Sun Cho, Ji-Young Um, Tae Hoon Kim and Heung-Man Lee	Phytotherapy Research: 16–20	http://onlinelibrary.wiley.com/doi/10.1002/ptr.4665/pdf
Oligo	2013	SoSoSo or its active ingredient chrysophanol regulates production of inflammatory cytokines & adipokine in both macrophages & adipocytes	Rim Hong-Kun, Moon Phil-Dong, Choi In-Hwa, Lee Eun-Hee, Kim Hyung-Min, Jeong Hyun-Ja	Indian J Med Res. 2013 January; 137(1): 142–150.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3657878/
Oligo	2013	Enhanced 4-Hydroxynonenal Resistance in KEAP1 Silenced Human Colon Cancer Cells	Kyeong-Ah Jung, Mi-Kyoung Kwak	Oxid Med Cell Longev. 2013; 2013: 423965.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3674683/
Oligo	2013	Decreased Expression of Surfactant Protein Genes Is Associated with an Increased Expression of Forkhead Box M1 Gene in the Fetal Lung Tissues of Premature Rabbits	Won-Ho Hahn, Ji-Young Chang, Kyung Suk Lee, and Chong-Woo Bae	Yonsei Med J. 2013 November 1; 54(6): 1422–1429.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3809867/
Oligo	2013	Effects of Diet-Induced Mild Obesity on Airway Hyperreactivity and Lung Inflammation in Mice	Sun Hee Jung, Jang-Mi Kwon, Jae Won Shim, Deok Soo Kim, Hye Lim Jung, Moon Soo Park, Soo-Hee Park, Jinmi Lee, Won-Young Lee, Jung Yeon Shim	Yonsei Med J. 2013 November 1; 54(6): 1430–1437.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3809850/

Oligo	2013	Sendai F/HN Viroplexes for Efficient Transfection of Leukemic T Cells	Jung Seok Kim, Yeon Kyung Lee, Hwa Yeon Jeong, Seong Jae Kang, Min Woo Kim, Seung Hyun Ryu, Hong Sung Kim, Keun Sik Kim, Dong-Eun Kim, Yong Serk Park	Yonsei Med J. 2013 September 1; 54(5): 1149–1157.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3743179/
Oligo	2013	Preparation and in-vitro Evaluation of an Antisense-containing Cationic Liposome against Non-small Cell Lung Cancer: a Comparative Preparation Study	Mostafa Saffari, Farshad H. Shirazi, Mohammad Ali Oghabian, and Hamid Reza Moghimia,*	Iran J Pharm Res. 2013 Winter; 12(Suppl): 3–10.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3813353/
Oligo	2013	Hypoglycemic Effects of Three Medicinal Plants in Experimental Diabetes: Inhibition of Rat Intestinal α -glucosidase and Enhanced Pancreatic Insulin and Cardiac Glut-4 mRNAs Expression	Leila Moradabadi, Shideh Montasser Kouhsari, Mohammad Fehrestani Sani	Iran J Pharm Res. 2013 Summer; 12(3): 387–397.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3813273/
Oligo	2013	Effects of Xanthium strumarium and Psoralea corylifolia Extracts Combined with UVA1 Irradiation on the Cell Proliferation and TGF- β 1 Expression of Keloid Fibroblasts	Sun Yi Park, Ji-Youn Park, Chul-Ho Kim, Sung Un Kang, Jong-Hyun Kim, Ki-Min Park, Tae Heung Kim, Sung Chul Shin, and Hee Young Kang	Ann Dermatol. 2013 August; 25(3): 304–309.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3756194/
Oligo	2013	Detection of Helicobacter pylori in Gastric Aspirates Using a Monoclonal Antibody-Based Test	Ho Dong Kim, Do Hyun Kim, Hyeuk Park, Woo Jong Kim, Yong Soo Ahn, Young Jik Lee, Sun Mi Park, Eun Seon Seo, Chul Park, Yang Ho Kim, Hyung Rag Kim, Young Eun Joo, Young Do Jung	Gut Liver. 2013 January; 7(1): 30–34.	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3572317/
Oligo	2013	The effect of fibroblast growth factor and periodontal ligament fibroblast-conditioned medium on fibroblast-related gene expression in bone marrow stromal cells	Young-Jong Seo, IL-kwon Lee, Hyun-Seon Jang	Tissue Engineering and Regenerative Medicine, Vol. 10, No. 4, pp 176-182 (2013)	http://link.springer.com/article/10.1007/s13770-013-0387-3
Oligo	2013	Temporal expression of hippocampal lysophosphatidic acid receptors and their roles in kainic acid-induced neurotoxicity	Jin-Koo Lee, Min-Soo Kwon, Hak Rim Kim, Hyung-Gun Kim, Yun-Beom Sim, Soo-Hyun Park, Hong-Won Suh	Genes Genom DOI 10.1007/s13258-013-0162-9	http://link.springer.com/article/10.1007/s13258-013-0162-9
Oligo	2013	Purification of DNA-origami nanostructures by rate-zonal centrifugation	Chenxiang Lin, Steven D. Perrault, Minseok Kwak, Franziska Graf and William M. Shih*	Nucleic Acids Res., January 2013; 41: e40.	http://nar.oxfordjournals.org/content/41/2/e40.full.pdf+html?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=bioneer&searchid=1&FIRSTINDEX=0&sortspec=date&resulttype=HWCT
Oligo	2013	Autophagy mediates anti-melanogenic activity of 30-ODI in B16F1 melanoma cells	Eun Sung Kim, Ji Hyun Shin, Su Hyeon Seok, Jun Bum Kim, Huiyoung Chang, So Jung Park, Yoon Kyung Jo, Eun Sun Choi, Jun-Seong Park, Myeong Hun Yeom, Chol Seung Lim, Dong-Hyung Cho	Biochemical and Biophysical Research Communications 442 (2013) 165-170	http://www.sciencedirect.com/science/article/pii/S0006291X1301930X
Oligo	2013	Sargachromanol G inhibits osteoclastogenesis by suppressing the activation NF- κ B and MAPKs in RANKL-induced RAW 264.7 cells	Weon-Jong Yoon, Kil-Nam Kim, Soo-Jin Heo, Sang-Chul Han, Jiyeon Kim, Yeong-Jong Ko, Hee-Kyoung Kang, Eun-Sook Yoo	Biochemical and Biophysical Research Communications 434 (2013) 892-897	http://www.sciencedirect.com/science/article/pii/S0006291X13006724

Oligo	2013	Crystal structure of Mycobacterium tuberculosis Rv2606c: A pyridoxal biosynthesis lyase	Sangwoo Kim, Kyung-Jin Kim	Biochemical and Biophysical Research Communications 435 (2013) 255-259	http://www.sciencedirect.com/science/article/pii/S0006291X13007225
Oligo	2013	Sequential signaling cascade of IL-6 and PGC-1 α is involved in high glucose-induced podocyte loss and growth arrest	Dong Il Kim, Soo Hyun Park	Biochemical and Biophysical Research Communications 435 (2013) 702-707	http://www.sciencedirect.com/science/article/pii/S0006291X13008292
Oligo	2013	ICAM-3 endows anticancer drug resistance against microtubule-damaging agents via activation of the ICAM-3-AKT/ERK-CREB-2 pathway and blockage of apoptosis	Kwang-Chul Ahn, Jae Yeon Choi, Jae-Sung Kim, Sang-Gu Hwang, Wun-Jae Kim, Jong Kuk Park, Hong-Duck Uma	Biochemical and Biophysical Research Communications 441 (2013) 507-513	http://www.sciencedirect.com/science/article/pii/S0006291X13017774
Oligo	2013	Immunomodulatory effect of poly-c-glutamic acid derived from Bacillus subtilis on natural killer dendritic cells	Sung Won Lee, Hyun Jung Park, Se-Ho Park, Nayoung Kim, Seokmann Hong	Biochemical and Biophysical Research Communications xxx (2013)	http://www.sciencedirect.com/science/article/pii/S0006291X13019992
Oligo	2013	Saponins, especially platycodin D, from Platycodon grandiflorum modulate hepatic lipogenesis in high-fat diet-fed rats and high glucose-exposed HepG2 cells	Yong Pil Hwang, Jae Ho Choi, Hyung Gyun Kim, Tilak Khanal, Gye Young Song, Myoung Soo Nam, Hyun-Sun Lee, Young Chul Chung, Young Chun Lee, Hye Gwang Jeong	Toxicology and Applied Pharmacology 267 (2013) 174-183	http://www.sciencedirect.com/science/article/pii/S0041008X13000033
Oligo	2013	Resveratrol inhibits LXR α -dependent hepatic lipogenesis through novel antioxidant Sestrin2 gene induction	So Hee Jin, Ji Hye Yang, Bo Yeon Shin, Kyuhwa Seo, Sang Mi Shin, Il Je Cho, Sung Hwan Ki	Toxicology and Applied Pharmacology 271 (2013) 95-105	http://www.sciencedirect.com/science/article/pii/S0041008X13001786
Oligo	2013	Keap1 silencing boosts lipopolysaccharide-induced transcription of interleukin 6 via activation of nuclear factor κ B in macrophages	Peng Lv, Peng Xue, Jian Dongb, Hui Peng, Rebecca Clewell, AipingWanga, YueWang, Shuangqing Peng, Weidong Que, Qiang Zhang, Melvin E. Andersen, Jingbo Pi	Toxicology and Applied Pharmacology 272 (2013) 697-702	http://www.sciencedirect.com/science/article/pii/S0041008X13003219
Oligo	2013	Isoniazid suppresses antioxidant response element activities and impairs adipogenesis in mouse and human preadipocytes	Yanyan Chen, Peng Xue, Yongyong Houa, Hao Zhang, Hongzhi Zheng, Tong Zhoua, Weidong Qu, Weiping Teng, Qiang Zhang, Melvin E. Andersen, Jingbo Pi	Toxicology and Applied Pharmacology 273 (2013) 435-441	http://www.sciencedirect.com/science/article/pii/S0041008X13004365
Oligo	2013	Characteristics of a novel bacterial polysaccharide consisted of glucose and mannose as major components	Haykuhi Charchoghlyan, Heui-Dong Park	Food Hydrocolloids 30 (2013) 512e518	http://www.sciencedirect.com/science/article/pii/S0268005X12001646
Oligo	2013	Gallic acid, a natural polyphenolic acid, induces apoptosis and inhibits proinflammatory gene expressions in rheumatoid arthritis fibroblast-like synoviocytes	Chong-Hyeon Yoon, Soo-Jin Chung, Sang-Won Lee, Yong-Beom Park, Soo-Kon Lee, Min-Chan Park	Joint Bone Spine 80 (2013) 274-279	http://linkinghub.elsevier.com/retrieve/pii/S1297319X1200200X
Oligo	2013	Molecular mechanisms underlying the anti-obesity potential of prunetin, an O-methylated isoflavone	Tae-Gue Ahn, Gabsik Yang, Heon-Myung Lee, Myung-Dong Kim, Ho-Young Choi, Kyoung-Sik Park, Sun-Dong Lee, Yoon-Bum Kook, Hyo-Jin An	Biochemical Pharmacology 85 (2013) 1525-1533	http://www.sciencedirect.com/science/article/pii/S000629521300124X

Oligo	2013	Identification of antimony resistance markers in <i>Leishmania tropica</i> field isolates through a cDNA-AFLP approach	Elham Kazemi-Rad, Mehdi Mohebali, Mohammad Bagher Khadem-Erfan, Mojtaba Saffari, Reza Raofian,d, Homa Hajjaran, Ramtin Hadighi, Ali Khamesipour, Sassan Rezaie, Hoda Abedkhojasteh, Mansour Heidari	Experimental Parasitology 135 (2013) 344-349	http://www.sciencedirect.com/science/article/pii/S001448941300204X
Oligo	2013	The role of endogenous beta-endorphin and enkephalins in ethanol reward	Andy Tseng, Khanh Nguyen, Abdul Hamid, Mayank Garg, Paul Marquez, Kabirullah Lutfy	Neuropharmacology 73 (2013) 290e300	http://www.sciencedirect.com/science/article/pii/S002839081300261X
Oligo	2013	Development and evaluation of a novel nucleic acid sequence-based amplification method using one specific primer and one degenerate primer for simultaneous detection of <i>almonella</i> Enteritidis and <i>Salmonella</i> Typhimurium	Hamidreza Mollasalehi, Razieh Yazdanparast	Analytica Chimica Acta 770 (2013) 169- 174	http://www.sciencedirect.com/science/article/pii/S0003267013002018
Oligo	2013	Optimization of the masking molecule for active-site-protected immobilization of Taq DNA polymerase and its application	Gumjung Lim, Joungmok Kim, Jeong Hee Kim	Analytical Biochemistry 432 (2013) 139-141	http://www.sciencedirect.com/science/article/pii/S0003269712004897
Oligo	2013	Effective and site-specific phosphoramidation reaction for universally labeling nucleic acids	Yu-Chih Su, Hsing-Yin Chen, Ni Chien Ko, Chi-Ching Hwang, Min Hui Wua, Li-Fang Wang, Yun-Ming Wang, Sheng-Nan Chang, Eng-Chi Wang, Tzu-Pin Wang	S0003-2697(13)00597-6 Analytical Biochemistry	http://www.sciencedirect.com/science/article/pii/S0003269713005976
Oligo	2013	Carbon monoxide protects against ovariectomy-induced bone loss by inhibiting osteoclastogenesis	Tien Van Phan, Ok-Joo Sul, Ke Ke, Mi-Hyun Lee , Woon-Ki Kim, Yeon-Soo Cho, Hyun-Ju Kim, Shin-Yoon Kim, Hun-Taeg Chung, Hye-Seon Choi*	Biochemical Pharmacology 85 (2013) 1145-1152	http://www.sciencedirect.com/science/article/pii/S0006295213000518
Oligo	2013	JAK2-targeted anti-inflammatory effect of a resveratrol derivative 2,4-dihydroxy-N-(4-hydroxyphenyl)benzamide	Min Ho Kim, Young-Jin Son, Sang Yeol Lee, Woo Seok Yang, Young-Su Yi, Deok Hyo Yoon, Yanyan Yang, Shi Hyoung Kim, Duckhee Lee, Man Hee Rhee, Hyojeung Kang, Tae Woong Kim, Gi-Ho Sung*, Jae Youl Cho*	Biochemical Pharmacology 86 (2013) 1747-1761	http://www.sciencedirect.com/science/article/pii/S0006295213006734
Oligo	2013	Insulin inhibitslipopolysaccharide-inducednitricoxide synthase expressioninratprimaryastrocytes	Hui Lia, BaoyiLiub, JingyangHuanga, HailiChena, XiaosunGuoa, ZhongruiYuana	Brain Research Volume 1506, 19 April 2013, Pages 1-11	http://www.sciencedirect.com/science/article/pii/S0006899313001972
Oligo	2013	<i>Bacillus thuringiensis</i> : A specific gamma-cyclodextrin producer strain	Bon Geun Goo, You Jin Hwang, Jae Kweon Park	Carbohydrate Research S0008-6215(13)00418-7	http://www.sciencedirect.com/science/article/pii/S0008621513004187
Oligo	2013	Unmodified gold nanoparticles for direct and rapid detection of <i>Mycobacterium tuberculosis</i> complex	Marwa M. Hussain, Tamer M. Samir, Hassan M.E. Azzazy	Clinical Biochemistry 46 (2013) 633-637	http://www.sciencedirect.com/science/article/pii/S0009912013000039

Oligo	2013	Ursolic acid, a potential PPAR γ agonist, suppresses ovalbumin-induced airway inflammation and Penh by down-regulating IL-5, IL-13, and IL-17 in a mouse model of allergic asthma	Seung-Hyung Kim, Jung-Hee Hong, Young-Cheol Lee	European Journal of Pharmacology 701(2013)131-143	http://www.sciencedirect.com/science/article/pii/S0014299912009648
Oligo	2013	Hispidulin attenuates bone resorption and osteoclastogenesis via the RANKL-induced NF- κ B and NFATc1 pathways	Manoj Nepal, Hwa Jung Choi, Bo-Yun Choi, Moon-Shik Yang, Jung-Il Chae, Liang Li, Yunjo Soh	European Journal of Pharmacology 715(2013)96-104	http://www.sciencedirect.com/science/article/pii/S0014299913004688
Oligo	2013	ALS/FTLD-linked TDP-43 regulates neurite morphology and cell survival in differentiated neurons	Jeong-Ho Han, Tae-Hoon Yu, Hyun-Hee Ryu, Mi-Hee Jun, Byung-Kwan Ban, Deok-Jin Jang, Jin-Alee	Experimental Cell Research Volume 319, Issue 13, 1 August 2013, Pages 1998-2005	http://www.sciencedirect.com/science/article/pii/S0014482713002310
Oligo	2013	Anti-inflammatory effect of Sosihotang via inhibition of nuclear factor- κ B and mitogen-activated protein kinases signaling pathways in lipopolysaccharide-stimulated RAW 264.7 macrophage cells	You-Chang Oh, Won-Kyung Cho, Yun Hee Jeong, Ga Young Im, Kwang Jin Lee, Hye Jin Yang, Jin Yeul Ma	Food and Chemical Toxicology 53 (2013) 343-351	http://www.sciencedirect.com/science/article/pii/S027869151200868X
Oligo	2013	Antitumor efficacy of piperine in the treatment of human HER2-overexpressing breast cancer cells	Minh Truong Do, Hyung Gyun Kim, Jae Ho Choi, Tilak Khanal, Bong Hwan Park, Thu Phuong Tran, Tae Cheon Jeong, Hye Gwang Jeong	Food Chemistry 141 (2013) 2591-2599	http://www.sciencedirect.com/science/article/pii/S030881461300633X
Oligo	2013	α -Cyperone, isolated from the rhizomes of <i>Cyperus rotundus</i> , inhibits LPS-induced COX-2 expression and PGE2 production through the negative regulation of NF κ B signaling in RAW 264.7 cells	Seung-Hyun Jung, Su Jung Kim, Bo-Gyu Jun, Kyung-Tae Lee, Seon-Pyo Hong, Myung Sook Oh, Dae Sik Jang, Jung-Hye Choi	Journal of Ethnopharmacology 147(2013)208-214	http://www.sciencedirect.com/science/article/pii/S037887411300144X
Oligo	2013	Analysis of the nonstructural and structural polyprotein regions, and complete genome sequences of Israel acute paralysis virus identified from honeybees (<i>Apis mellifera</i>) in Korea	Kondreddy Eswar Reddy, Jin Hyeong Noh, Young-Ha Kim, Mi Sun Yoo, Huong Thi Thanh Doan, Mummadi Reddy Ramya, Suk-Chan Jung, Dong Van Quyen, Seung-Won Kang	Virology 444(2013)211-217	http://www.sciencedirect.com/science/article/pii/S0042682213003619
Oligo	2013	Increased nitrous oxide accumulation by bioelectrochemical denitrification under autotrophic conditions: Kinetics and expression of denitrification pathway genes	Tuan Van Doan, Tae Kwon Lee, Sudheer Kumar Shukla, James M. Tiedje, Joonhong Park*	Water Research Volume 47, Issue 19, 1 December 2013, Pages 7087-7097	http://www.sciencedirect.com/science/article/pii/S0043135413008269
Oligo	2013	APRIL stimulates NF- κ B-mediated HoxC4 induction for AID expression in mouse B cells	Seok-Rae Park, Pyeung-Hyeun Kim, Kyu-Seon Lee, Sang-Hoon Lee, Goo-Young Seo, Yung-Choon Yoo, Jungrim Lee, Paolo Casali	Cytokine 61 (2013) 608-613	http://www.sciencedirect.com/science/article/pii/S104346661200751X
Oligo	2013	Enhancement of catalysis and functional expression of a bacterial laccase by single amino acid replacement	Nikoo Nasoohia, Khosro Khajeha, Mahdi Mohammadiana, Bijan Ranjbarb	International Journal of Biological Macromolecules 60 (2013) 56-61	http://www.sciencedirect.com/science/article/pii/S0141813013002742

Oligo	2013	Self-assembled amphiphilic DNA-cholesterol/DNA-peptide hybrid duplexes with liposome-like structure for doxorubicin delivery	Kyung-mi Choi, Ick Chan Kwon, Hyung Jun Ahn*	Biomaterials 34 (2013) 4183e4190	http://www.sciencedirect.com/science/article/pii/S0142961213002275
Oligo	2013	Sentinel lymph node imaging by a fluorescently labeled DNA tetrahedron	Kyoung-Ran Kim, Yong-Deok Lee, Taemin Lee , Byeong-Su Kim, Sehoon Kim,* Dae-Ro Ahn*	Biomaterials 34 (2013) 5226e5235	http://www.sciencedirect.com/science/article/pii/S0142961213003967
Oligo	2013	Redundant effects of ketamine on the pathogenesis and severity of Brucella abortus infection	Jin Ju Lee, Dong Hyeok Kim, Sung Bin Park, Jeong Ju Lim, Dae Geun Kim, Won Gi Min, Hu Jang Lee, Do Kyung Kim, Hong Hee Chang, Suk Kim	Comparative Immunology, Microbiology and Infectious Diseases 36 (2013) 71- 81	http://www.sciencedirect.com/science/article/pii/S0147957112001075-via=ihub
Oligo	2013	Beraprost enhances production of antigen-specific IgG isotypes without modulating germinal center B cell generation and the affinity maturation	Eunjoo Lee, Jini Kim, Young-Myeong Kim, Kwon Soo Ha, Doo-Il Jeoung, Jeong-Im Sin, Jongseon Cho	International Immunopharmacology 15 (2013) 735-742	http://www.jni-journal.com/article/S0165-5728(13)00077-5/abstract
Oligo	2013	A novel actin cytoskeleton-dependent noncaveolar microdomain composed of homo-oligomeric caveolin-2 for activation of insulin signaling	Hayeong Kwon, Jaewoong Lee, Kyuho Jeong, Donghwan Jang, Yunbae Pak	Biochimica et Biophysica Acta 1833 (2013) 2176-2189	http://www.sciencedirect.com/science/article/pii/S0167488913001821
Oligo	2013	Quorum sensing modulates transcription of cpsQ-mfpABC and mfpABC in <i>Vibrio parahaemolyticus</i>	Dongsheng Zhou, Xiaojuan Yan, Fen Qua, Li Wanga, Yiquan Zhanga, Jun Hou, Yan Hua, Jin Li, Shaojie Xin, Jingfu Qiuc, Ruifu Yang, Panyong Mao	International Journal of Food Microbiology 166 (2013) 458-463	http://www.sciencedirect.com/science/article/pii/S0168160513003437?via=ihub
Oligo	2013	Propionyl-CoA dependent biosynthesis of 2-hydroxybutyrate containing polyhydroxyalkanoates in metabolically engineered <i>Escherichia coli</i>	Si Jae Park, Kyoung-Hee Kang, Hyuk Lee, A-Reum Park, Jung Eun Yang, Young Hoon Oh, Bong Keun Song, Jonggeon Jegal, Seung Hwan Lee, Sang Yup Lee	Journal of Biotechnology 165 (2013) 93- 98	http://www.sciencedirect.com/science/article/pii/S0168165613001405?via=ihub
Oligo	2013	Characterization of a novel recombinant - glucosidase from <i>Sphingopyxis alaskensis</i> that specifically hydrolyzes the outer glucose at the C-3 position in protopanaxadiol-type ginsenosides	Kyung-Chul Shin, Deok-Kun Oh	Journal of Biotechnology (2013)	http://www.sciencedirect.com/science/article/pii/S0168165613005312?via=ihub
Oligo	2013	Anti-apoptotic cardioprotective effects of SHP-1 gene silencing against ischemia-reperfusion injury: Use of deoxycholic acid-modified low molecular weight polyethyleneimine as a cardiac siRNA-carrier	Dongkyu Kim, Jueun Hong, Hyung-Ho Moon, Hye Yeong Nam, Hyejung Mok, Ji Hoon Jeong, Sung Wan Kim, Donghoon Choi, Sun Hwa Kim	Journal of Controlled Release 168 (2013) 125-134	http://www.sciencedirect.com/science/article/pii/S0168365913001442?via=ihub
Oligo	2013	Licorice-derived dehydroglyasperin C increases MKP-1 expression and suppresses inflammation-mediated neurodegeneration	Jaekyoon Kim, Jiyoung Kim, Jaesung Shim, Siyoung Lee, Jisung Kim, Soon Sung Lim, Ki Won Lee, Hyong Joo Lee	Neurochemistry International 63 (2013) 732-740	http://www.sciencedirect.com/science/article/pii/S0197018613002404?via=ihub

Oligo	2013	Improvement of cognitive function and physical activity of aging mice by human neural stem cells over-expressing choline acetyltransferase	Dongsun Park, Yun-Hui Yang, Dae Kwon Bae, Sun Hee Lee, Goeun Yang, Jangbeen Kyung, Dajeong Kim, Ehn-Kyoung Choi, Seong Won Lee, Gon Hyung Kim, Jin Tae Hong, Kyung-Chul Choi, Hong Jun Lee, Seung U. Kim**, Yun-Bae Kim*	Neurobiology of Aging 34 (2013) 2639e2646	http://www.neurobiologyofaging.org/article/S0197-4580(13)00194-2/abstract
Oligo	2013	Identification and expression analysis of chalcone synthase and dihydroflavonol 4-reductase in <i>Clivia miniata</i>	Christopher D. Viljoen, Marius C. Snyman, Johan J. Spies	South African Journal of Botany 87 (2013) 18-21	http://www.sciencedirect.com/science/article/pii/S0254629913002202
Oligo	2013	Oleanolic acid suppresses resistin induction in adipocytes by modulating Tyk-STAT signaling	Hyun-Sung Kim, Hye-Young Sung, Min Soo Kim, Jung-Lye Kim, Min-Kyung Kang, Ju-Hyun Gong, Hyoung-Sook Park, Young-Hee Kang	Nutrition Research Volume 33, Issue 2 , Pages 144-153, February 2013	http://www.nrjournal.com/article/S0271-5317(12)00288-6/abstract
Oligo	2013	Anti-inflammatory and carbonic anhydrase restoring actions of yam powder (<i>Dioscorea</i> spp) contribute to the prevention of cysteamine-induced duodenal ulcer in a rat model	Jong-Min Park, Yoon-Jae Kim, Ju-Seung Kim, Young-Min Han, Napapan Kangwana, Ki Baik Hahma, Tae-Sok Kim, Oran Kwon, Eun-Hee Kim	Nutrition Research Volume 33, Issue 8 , Pages 677-685, August 2013	http://www.nrjournal.com/article/S0271-5317(13)00135-8/abstract
Oligo	2013	Olive leaf down-regulates the oxidative stress and immune dysregulation in streptozotocin-induced diabetic mice	Jung-Hyun Park, Ji-Hye Jung, Jin-Young Yang, Hyun-Sook Kim	Nutrition Research Volume 33, Issue 11 , Pages 942-951, November 2013	http://www.nrjournal.com/article/S0271-5317(13)00174-7/abstract
Oligo	2013	Topical application of <i>Pleurotus eryngii</i> extracts inhibits 2,4-dinitrochlorobenzene-induced atopic dermatitis in NC/Nga mice by the regulation of Th1/Th2 balance	Jae Ho Choi, Hyung Gyun Kim, Sun Woo Jin, Eun Hee Han, Tilak Khanal, Minh Truong Do, Yong Pil Hwang, Jun Min Choi, Sung-Sik Chun, Young Chul Chung, Tae Cheon Jeong, Hye Gwang Jeong	Food and Chemical Toxicology 53 (2013) 38-45	http://www.sciencedirect.com/science/article/pii/S0278691512008320?via=ihub
Oligo	2013	Monotropein isolated from the roots of <i>Morinda officinalis</i> ameliorates proinflammatory mediators in RAW 264.7 macrophages and dextran sulfate sodium (DSS)-induced colitis via NF- κ B inactivation	Ji-Sun Shin, Kyung-Jin Yun, Kyung-Sook Chung, Kyeong-Hwa Seo, Hee-Juhn Park, Young-Wuk Cho, Nam-In Baek, DaeSik Jang , Kyung-Tae Lee	Food and Chemical Toxicology 53 (2013) 263-271	http://www.sciencedirect.com/science/article/pii/S0278691512008861?via=ihub
Oligo	2013	Suppression of Src/ERK and GSK-3/ β -catenin signaling by pinosylvin inhibits the growth of human colorectal cancer cells	Eun-Jung Park, Hwa-Jin Chung, Hyen Joo Park, Gi Dae Kim, Yong-Hyun Ahn, Sang Kook Lee	Food and Chemical Toxicology 55 (2013) 424-433	http://www.sciencedirect.com/science/article/pii/S0278691513000288?via=ihub
Oligo	2013	Cultivated ginseng inhibits 2,4-dinitrochlorobenzene-induced atopic dermatitis-like skin lesions in NC/Nga mice and TNF- α /IFN- γ -induced TARC activation in HaCaT cells	Jae Ho Choi, Sun Woo Jin, Bong Hwan Park, Hyung Gyun Kim, Tilak Khanal, Hwa Jeong Han, Yong Pil Hwang, Jun Min Choi, Young Chul Chung, Sang Kyu Hwang, Tae Cheon Jeong, Hye Gwang Jeong	Food and Chemical Toxicology 56(2013)195-203	http://www.sciencedirect.com/science/article/pii/S0278691513001464?via=ihub

Oligo	2013	Anti-inflammatory effect of prunetin via the suppression of NF- β pathway	Gabsik Yang, Inhye Ham, Ho-Young Choi	Food and Chemical Toxicology 58 (2013) 124-132	http://www.sciencedirect.com/science/article/pii/S0278691513002226?via=ihub
Oligo	2013	Suppression of iNOS and COX-2 expression by flavokawain A via blockade of NF- β and AP-1 activation in RAW 264.7 macrophages	Dong-Joo Kwon, Sung Mi Ju, Gi Soo Youn, Soo Young Choi, Jinseu Park	Food and Chemical Toxicology 58 (2013) 479-486	http://www.sciencedirect.com/science/article/pii/S0278691513003372?via=ihub
Oligo	2013	Kaempferol induces chondrogenesis in ATDC5 cells through activation of ERK/BMP-2 signaling pathway	Manoj Nepal, Liang Li, Hyoung Kwon Cho, Jong Kun Park, Yunjo Soh	Food and Chemical Toxicology 62 (2013) 238-245	http://www.sciencedirect.com/science/article/pii/S0278691513005802?via=ihub
Oligo	2013	Anti-inflammatory effects of β -hydroxyisovalerylshikonin in BV2 microglia are mediated through suppression of the PI3K/Akt/NF- κ B pathway and activation of the Nrf2/HO-1 pathway	Hak-Ju Lee, Yung Hyun Choi, Jin-Woo Jeong, Gi-Young Kim	Food and Chemical Toxicology S0278-6915(13)00833-8	http://www.sciencedirect.com/science/article/pii/S0278691513008338?via=ihub
Oligo	2013	Thymoquinone induces heme oxygenase-1 expression in HaCaT cells via Nrf2/ARE activation: Akt and AMPKa as upstream targets	Juthika Kundu a Q , Do-Hee Kim, Joydeb Kumar Kundu, Kyung-Soo Chun	Food and Chemical Toxicology (2013)	http://www.sciencedirect.com/science/article/pii/S0278691513008375?via=ihub
Oligo	2013	Anisomycin treatment enhances TRAIL-mediated apoptosis in renal carcinoma cells through the down-regulation of Bcl-2, c-FLIP(L) and Mcl-1	Bo Ram Seo, Kyoung-jin Min, Shin Kim, Jong-Wook Park, Won-Kyun Park, Tae-Jin Lee, Taeg Kyu Kwon*	Biochimie 95 (2013) 858e865	http://www.sciencedirect.com/science/article/pii/S0300908412004786?via=ihub
Oligo	2013	Biomolecular computation with molecular beacons for quantitative analysis of target nucleic acids	Hee-Woong Lim, Seung Hwan Lee, Kyung-Ae Yang, Suk-In Yoo, Tai Hyun Park, Byoung-Tak Zhang	BioSystems 111 (2013) 11- 17	http://www.sciencedirect.com/science/article/pii/S0303264712001682?via=ihub