

Publication List of Prof. Hyung-Min Kim

<2019>

- TSLP Exacerbates Septic Inflammation via Murine Double Minute 2 (MDM2) Signaling Pathway. *J Clin Med*. 2019;8(9). pii: E1350.
- Potential anti-inflammatory effect of Madi-Ryuk and its active ingredient tannic acid on allergic rhinitis. *Mol Immunol*. 2019;114:362-368.
- Structure-Activity Relationships of Baicalein and its Analogs as Novel TSLP Inhibitors. *Sci Rep*. 2019;9(1):8762.
- Chrysophanol, an anthraquinone from AST2017-01, possesses the anti-proliferative effect through increasing p53 protein levels in human mast cells. *Inflamm Res*. 2019 Jul;68(7):569-579.
- Use of Physcion to Improve Atopic Dermatitis-Like Skin Lesions through Blocking of Thymic Stromal Lymphopoietin. *Molecules*. 2019;24(8). pii: E1484.
- Ursolic acid downregulates thymic stromal lymphopoietin through the blockade of intracellular calcium/caspase-1/NF- κ B signaling cascade in HMC-1 cells. *Int J Mol Med*. 2019 May;43(5):2252-2258.
- The ameliorative effect of AST2017-01 in an ovalbumin-induced allergic rhinitis animal model. *Inflamm Res*. 2019;68(5):387-395.
- An osteoclastogenesis system, the RANKL/RANK signalling pathway, contributes to aggravated allergic inflammation. *Br J Pharmacol*. 2019;176(11):1664-1679.
- Heat-treated *Lactobacillus plantarum* increases the immune responses through activation of natural killer cells and macrophages on in vivo and in vitro models. *J Med Microbiol*. 2019;68(3):467-474.
- High-Fat Diet Exacerbates Dermatitis through Up-Regulation of TSLP. *J Invest Dermatol*. 2019;139(5):1198-1201.

<2018>

- Cordycepin ameliorates skin inflammation in a DNFB-challenged murine model of atopic dermatitis. *Immunopharmacol Immunotoxicol*. 2018;40(5):401-407.
- β -eudesmol inhibits thymic stromal lymphopoietin through blockade of caspase-1/NF- κ B signal cascade in allergic rhinitis murine model. *Chem Biol Interact*. 2018;294:101-106.
- Effect of massage therapy by VOSKIN 125+ painkiller[®] on inflammatory skin lesions. *Dermatol Ther*. 2018;31(5):e12628.
- Regulatory effects of chrysophanol, a bioactive compound of AST2017-01 in a mouse model of 2,4-dinitrofluorobenzene-induced atopic dermatitis. *Int Immunopharmacol*. 2018;62:220-226.
- Effects of Linalyl Acetate on Thymic Stromal Lymphopoietin Production in Mast Cells. *Molecules*. 2018;23(7). pii: E1711.
- The Iron Chelator and Anticancer Agent Dp44mT Relieves Allergic Inflammation in Mice With Allergic Rhinitis. *Inflammation*. 2018;41(5):1744-1754.
- Anticancer agent ABT-737 possesses anti-atopic dermatitis activity via blockade of caspase-1 in atopic dermatitis in vitro and in vivo models. *Immunopharmacol Immunotoxicol*. 2018;40(4):319-326.
- Anti-allergic and anti-inflammatory effects of the Bcl-2 inhibitor ABT-737 on experimental allergic rhinitis models. *Eur J Pharmacol*. 2018;833:34-43.
- Src-type tyrosine kinase p56lck is critical for thymic stromal lymphopoietin-induced allergic rhinitis. *Clin Exp Allergy*. 2018;48(7):875-889.

Therapeutic effects of *Artemisia scoparia* Waldst. et Kitaib in a murine model of atopic dermatitis. *Clin Exp Dermatol.* 2018;43(7):798-805.

Improvement effects of a mixed extract of flowers of *Pueraria thomsonii* Benth. and peels of *Citrus unshiu* Markovich on postmenopausal symptoms of ovariectomized mice. *Biomed Pharmacother.* 2018;103:524-530.

Functions of the Signal Transducer and Activator of Transcription 6 in a Behavioral Animal Model of Depression. *Pharmacology.* 2018;101(5-6):285-289.

Bamboo salt suppresses skin inflammation in mice with 2, 4-dinitrofluorobenzene-induced atopic dermatitis. *Chin J Nat Med.* 2018;16(2):97-104.

Cysteine ameliorates allergic inflammatory reactions by suppressing thymic stromal lymphopoietin production in activated human mast cells. *Nutr Res.* 2018;49:79-87.

The new therapeutic herbal drug HM0601 and its bioactive compound rutin exert potent antiproliferative activities in mast cells. *Fundam Clin Pharmacol.* 2018;32(3):279-287.

Leucine and glycine dipeptides of porcine placenta ameliorate physical fatigue through enhancing dopaminergic systems. *Mol Med Rep.* 2018;17(3):4120-4130.

Inhibitory effect of naringenin via IL-13 level regulation on thymic stromal lymphopoietin-induced inflammatory reactions. *Clin Exp Pharmacol Physiol.* 2018;45(4):362-369.

Anti-inflammatory effects of *Artemisia scoparia* and its active constituent, 3,5-dicaffeoyl-epi-quinic acid against activated mast cells. *Immunopharmacol Immunotoxicol.* 2018;40(1):52-58.

Molecular mechanisms of anti-inflammatory effect of chrysophanol, an active component of AST2017-01 on atopic dermatitis in vitro models. *Int Immunopharmacol.* 2018;54:238-244.

Anti-allergic inflammatory effect of vanillic acid through regulating thymic stromal lymphopoietin secretion from activated mast cells. *Nat Prod Res.* 2018;32(24):2945-2949.

<2017>

Ameliorative effect of atractylenolide III in the mast cell proliferation induced by TSLP. *Food Chem Toxicol.* 2017;106(Pt A):78-85.

Anti-allergic inflammatory effect of vanillic acid through regulating thymic stromal lymphopoietin secretion from activated mast cells. *Nat Prod Res.* 2017:1-5.

Anti-inflammatory effects of a traditional Korean medicine: Ojajeonjonghwan. *Pharm Biol.* 2017;55(1):1856-1862.

Anti-inflammatory effects of *Artemisia scoparia* and its active constituent, 3,5-dicaffeoyl-epi-quinic acid against activated mast cells. *Immunopharmacol Immunotoxicol.* 2018;40(1):52-58.

β -eudesmol suppresses allergic reactions via inhibiting mast cell degranulation. *Clin Exp Pharmacol Physiol.* 2017;44(2):257-265.

Cordycepin diminishes thymic stromal lymphopoietin-induced interleukin-13 production. *Eur J Pharmacol.* 2017;802:1-6.

Di-2-pyridylketone 4,4-dimethyl-3-thiosemicarbazone (Dp44mT), an anticancer

agent, exerts an anti-inflammatory effect in activated human mast cells. *Inflamm Res.* 2017;66(10):871-879.

Kaempferol impedes IL-32-induced monocyte-macrophage differentiation. *Chem Biol Interact.* 2017;274:107-115.

Molecular mechanisms of anti-inflammatory effect of chrysophanol, an active component of AST2017-01 on atopic dermatitis in vitro models. *Int Immunopharmacol.* 2018;54:238-244.

Schisandra chinensis and Its Main Constituent Schizandrin Attenuate Allergic Reactions by Down-Regulating Caspase-1 in Ovalbumin-Sensitized Mice. *Am J Chin Med.* 2017;45(1):159-172.

The potential protective role of taurine against experimental allergic inflammation. *Life Sci.* 2017;184:18-24.

<2016>

2-(4-{2-[(phenylthio)acetyl]carbonohydranooyl}phenoxy)acetamide as a new lead compound for management of allergic rhinitis. *Inflamm Res.* 2016;65(12):963-973.

A novel compound 2-(4-{2-[(phenylthio)acetyl]carbonohydranooyl}phenoxy)acetamide downregulates TSLP through blocking of caspase-1/NF- κ B pathways. *Int Immunopharmacol.* 2016;38:420-425.

Aluminum-doped zinc oxide nanoparticles attenuate the TSLP levels via suppressing caspase-1 in activated mast cells. *J Biomater Appl.* 2016;30:1407-1416.

Anti-fatigue effect by active dipeptides of fermented porcine placenta through inhibiting the inflammatory and oxidative reactions. *Biomed Pharmacother.* 2016;84:51-59.

Antidepressant-like effect of Ikwitang involves modulation of monoaminergic systems. *Mol Med Rep.* 2016;13(3):2815-2820.

Atractylone, an active constituent of KMP6, attenuates allergic inflammation on allergic rhinitis in vitro and in vivo models. *Mol Immunol.* 2016;78:121-132.

Chelidonic acid evokes antidepressant-like effect through the up-regulation of BDNF in forced swimming test. *Exp Biol Med (Maywood).* 2016;241(14):1559-1567.

Cordycepin suppresses thymic stromal lymphopoietin expression via blocking caspase-1 and receptor-interacting protein 2 signaling pathways in mast cells. *Biol Pharm Bull.* 2016;39(1):90-96.

Cucurbita moschata Duch. and its active component, β -carotene effectively promote the immune responses through the activation of splenocytes and macrophages. *Immunopharmacol Immunotoxicol.* 2016;38(5):319-326.

Cysteine prevents menopausal syndromes in ovariectomized mouse. *Reprod Sci.* 2016;23(5):670-679.

Effect of fermented porcine placenta on physical fatigue in mice. *Exp Biol Med (Maywood).* 2016;241(17):1985-1996.

Effects of bamboo salt and its component, hydrogen sulfide, on enhancing immunity. *Mol Med Rep.* 2016;14(2):1673-1680.

Efficacy of proline in the treatment of menopause. *Exp Biol Med (Maywood).* 2016;241(6):611-619.

Estrogen-like osteoprotective effects of glycine in in vitro and in vivo models of menopause. *Amino Acids.* 2016;48(3):791-800.

Hydrogen sulfide diminishes the levels of thymic stromal lymphopoietin in activated mast cells. *Arch Dermatol Res.* 2016;308(2):103-113.

Improvement of depressive behavior by Sweetme Sweet Pumpkin™ and its active compound, β -carotene. *Life Sci.* 2016;147:39-45.

Inhibition of MDM2 expression by rosmarinic acid in TSLP-stimulated mast cell. *Eur J Pharmacol.* 2016;771:191-198.

Inhibitory effects of atractylone on mast cell-mediated allergic reactions. *Chem Biol Interact.* 2016;258:59-68.

Tryptanthrin reduces mast cell proliferation promoted by TSLP through modulation of MDM2 and p53. *Biomed Pharmacother.* 2016;79:71-77.

<2015>

A Case of constrictive pericarditis due to immunoglobulin G4-related disease. *Korean Circ J.* 2015;45(2):161-164.

Acteoside attenuates TSLP-induced mast cell proliferation via down-regulating MDM2. *Int Immunopharmacol.* 2015;26(1):23-29.

Antidepressant effect of Stillen. *Arch Pharm Res.* 2015;38(6):1223-1231.

Anti-inflammatory effects of isoacteoside from *Abeliophyllum distichum*. *Immunopharmacol Immunotoxicol.* 2015;37(3):258-264.

Attenuation of IL-32-induced caspase-1 and nuclear factor- κ B activations by acteoside. *Int Immunopharmacol.* 2015;29(2):574-582.

Cysteine induces longitudinal bone growth in mice by upregulating IGF-I. *Int J Mol Med.* 2015;36(2):571-576.

Glutamic acid ameliorates estrogen deficiency-induced menopausal-like symptoms in ovariectomized mice. *Nutr Res.* 2015;35(9):774-783.

Protective effect of porcine placenta in a menopausal ovariectomized mouse. *Reproduction.* 2015;150(3):173-181.

Protective effects of rutin through regulation of vascular endothelial growth factor in allergic rhinitis. *Am J Rhinol Allergy.* 2015;29(3):e87-e94.

Taurine, a major amino acid of oyster, enhances linear bone growth in a mouse model of protein malnutrition. *Biofactors.* 2015;41(3):190-197.

The potential anti-proliferative effect of β -sitosterol on human mast cell line-1 cells. *Can J Physiol Pharmacol.* 2015;93(11):979-983.

The Sound of a Buk (Korean Traditional Drum) attenuates anaphylactic reactions by the Activation of estrogen receptor- β . *Int Arch Allergy Immunol.* 2015;167(4):242-249.

<2014>

A natural dye, Niram improves atopic dermatitis through down-regulation of TSLP. *Environ Toxicol Pharmacol.* 2014;38(3):982-990.

An alternative method to reduce anaphylaxis by moxibustion. *TANG.* 2014;4:e12.

Anti-fatigue effects of porcine placenta and its amino acids in a behavioral test on mice. *Can J Physiol Pharmacol.* 2014;92(11):937-944.

Anti-nociceptive effect of aspirin-pharmaceutical acupuncture in animal models. *J Drug Deliv Sci Technol.* 2014;24(5):548-553.

Evaluation on efficacy of modern medicine Ketotifen using traditional delivery science acupuncture in allergic animal models. *J Drug Deliv Sci Technol.* 2014;24:234-240.

Genuine traditional Korean medicine, Naju Jjok (Chung-Dae, *Polygonum tinctorium*) improves 2,4-dinitrofluorobenzene-induced atopic dermatitis-like lesional skin. *Phytomedicine.* 2014;21(4):453-460.

Gomisin A decreases the LPS-induced expression of iNOS and COX-2 and activation of RIP2/NF- κ B in mouse peritoneal macrophages. *Immunopharmacol Immunotoxicol.* 2014;36(3):195-201.

Hyperoside regulates the level of thymic stromal lymphopoietin through intracellular calcium signalling. *Phytother Res.* 2014;28(7):1077-1081.

Inhibition of IL-32 and TSLP production through the attenuation of caspase-1 activation in an animal model of allergic rhinitis by Naju Jjok (*Polygonum tinctorium*). *Int J Mol Med.* 2014;33(1):142-150.

Inhibition of IL-32 signaling by bamboo Salt decreases pro-Inflammatory responses in cellular models of allergic rhinitis. *J Med Food.* 2014;17(9):939-948.

The (2'S,7'S)-O-(2-methylbutanoyl)-columbianetin as a novel allergic rhinitis-control agent. *Life Sci.* 2014;98(2):103-112.

The antiallergic mechanisms of *Citrus sunki* and bamboo salt (K-ALL) in an allergic rhinitis model. *Exp Biol Med (Maywood).* 2014;239(1):83-93.

The β -sitosterol attenuates atopic dermatitis-like skin lesions through down-regulation of TSLP. *Exp Biol Med (Maywood).* 2014;239(4):454-464.

The therapeutic efficacy of α -pinene in an experimental mouse model of allergic rhinitis. *Int Immunopharmacol.* 2014;23(1):273-282.

Tryptanthrin ameliorates atopic dermatitis through down-regulation of TSLP. *Arch Biochem Biophys.* 2014;542:14-20.

TSLP induces mast cell development and aggravates allergic reactions through the activation of MDM2 and STAT6. *J Invest Dermatol.* 2014;134(10):2521-2530

Zinc oxide nanoparticles, a novel candidate for the treatment of allergic inflammatory diseases. *Eur J Pharmacol.* 2014;738:31-39.

<2013>

Antimutagenic activity and in vitro anticancer effects of bamboo salt on HepG2 human hepatoma cells. *J Environ Pathol Toxicol Oncol.* 2013;32(1):9-20.

Down-regulation of thymic stromal lymphopoietin by curcumin. *Pharmacol Rep.*

- 2013;65(2):525-531.
- Evaluation of the effect of kaempferol in a murine allergic rhinitis model. *Eur J Pharmacol.* 2013;718(1-3):48-56.
- Ginsenoside Rg1 inhibits the TSLP production in allergic rhinitis mice. *Immunopharmacol Immunotoxicol.* 2013;35(6):678-686.
- Inhibitory Effects of BiRyuChe-bang on Mast Cell-mediated Allergic Reactions and Inflammatory Cytokines Production. *Am J Chin Med.* 2013;41(6):1267-1282.
- Medicinal use of *Coscinium fenestratum* (Gaertn.) Colebr.: an short review. *Orient Pharm Exp Med.* 2013;13(1):1-9.
- Porcine placenta mitigates protein energy malnutrition-induced fatigue. *Nutrition.* 2013;29(11-12):1381-1387.
- Receptor activator of nuclear factor- κ B ligand in T cells and dendritic cells communication. *TANG.* 2013;3(1):e3.
- Sososo or its active ingredient chrysophanol regulates production of inflammatory cytokines and adipokine in both macrophages and adipocytes. *Indian J Med Res.* 2013;137(1):142-150.
- The critical role of mast cell-derived hypoxia-inducible factor-1 α in human and mice melanoma growth. *Int J Cancer.* 2013;132(11):2492-2501.
- The role of T-bet in obesity: lack of T-bet causes obesity in male mice. *J Nutr Biochem.* 2013;24(1):240-247.

<2012>

- Alleviation of allergic rhinitis symptoms with Pyeongwee-San extract (KMP6). *Immunopharmacol Immunotoxicol.* 2012;34(1):135-142.
- Anti-allergic activity of crystallinity controlled N-acetyl glucosamine. *Immunopharmacol Immunotoxicol.* 2012;34(6):991-1000.
- Anti-Fatigue Effect of *Zizania caudiflora* (Turczaninow) Nakai. *Am J Chin Med.* 2012;40(1):111-120.
- Anti-inflammatory effect of phenethyl isothiocyanate, an active ingredient of *Raphanus sativus* Linne. *Food Chem.* 2012;131(4):1332-1339.
- Antiinflammatory Effects of Traditional Korean Medicine, JinPi-tang and Its Active Ingredient, Hesperidin in HaCaT cells. *Phytother Res.* 2012;26(5):657-662.
- Bamboo salt reduces allergic responses by modulating the caspase-1 activation in an OVA-induced allergic rhinitis mouse model. *Food Chem Toxicol.* 2012;50(10):3480-3488.
- Effect of Pyeongwee-San (KMP6) on 2,4-dinitrofluorobenzene-induced atopic dermatitis-like skin lesions in NC/Nga mice. *Life Sci.* 2012;90(3-4):147-153.
- Effects of schizandrin on the expression of thymic stromal lymphopoietin in human mast cell line HMC-1. *Life Sci.* 2012;91(11-12):384-388.
- Epigallocatechin-3-O-gallate inhibits the production of thymic stromal lymphopoietin by the blockade of caspase-1/NF- κ B pathway in mast cells. *Amino Acids.* 2012;42(6):2513-2519.
- Immunomodulatory Effects of *Liriope platyphylla* Water Extract on

- Lipopolysaccharide-Activated Mouse Macrophage. *Nutrients*. 2012; 4(12): 1887-1897.
- Impact of acupuncture by using life-energy (qi) oriental needle on the paralysis of rats with experimental autoimmune encephalomyelitis. *Am J Chin Med*. 2012; 40(4): 769-778.
- Interleukin-32-induced thymic stromal lymphopoietin plays a critical role in macrophage differentiation through the activation of caspase-1 in vitro. *Arthritis Res Ther*. 2012; 14(6): R259.
- Methylallyl isothiocyanate inhibits the caspase-1 activity through the inhibition of intracellular calcium levels. *Biochimie*. 2012; 94(3): 816-822.
- Pyeongwee-San extract (KMP6): a new anti-allergic effect. *J Pharm Pharmacol*. 2012; 64(2): 308-316.
- Suppression of thymic stromal lymphopoietin production by rutin in mast cells. *Food Chem*. 2012; 133(1): 76-81.
- The suppression of thymic stromal lymphopoietin expression by selenium. *Amino Acids*. 2012; 43(2): 999-1004.
- Theanine is a candidate amino acid for pharmacological stabilization of mast cells. *Amino Acids*. 2012; 42(5): 1609-1618.
- Therapeutic effects of traditional Korean medicine, Jeechool-Whan in allergic rhinitis model. *TANG*. 2012; 2(1): e9.
- Thymic stromal lymphopoietin is regulated by the intracellular calcium. *Cytokine*. 2012; 59(2): 215-217.

<2011>

- Alcohol-Fermented Soybean Increases the Expression of Receptor-Interacting Protein 2 and I κ B Kinase β in Mouse Peritoneal Macrophages. *J Med Food*. 2011; 14(10): 1181-1189.
- Allyl isothiocyanate regulates caspase-1/receptor interacting protein-2 expression. *Int Immunopharmacol*. 2011; 11(4): 525-528.
- Ameliorative effect of purple bamboo salt-pharmaceutical acupuncture on cisplatin-induced ototoxicity. *Acta Oto-Laryngologica*. 2011; 131(1): 14-21.
- Anti-cancer potential of magnolol for lung cancer treatment. *Arch Pharm Res*. 2011; 34(4): 625-633.
- Antidepressant-like Effect of Altered Korean Red Ginseng in Mice. *Behav Med*. 2011; 37(2): 42-46.
- Atractylenolide III, a sesquiterpenoid, induces apoptosis in human lung carcinoma A549 cells via mitochondria-mediated death pathway. *Food Chem Toxicol*. 2011; 49(2): 514-519.
- Baekjeolysin-tang and its active component berberine block the release of collagen and proteoglycan from IL-1 β -stimulated rabbit cartilage and down-regulate matrix metalloproteinases in rabbit chondrocytes. *Phytother Res*. 2011; 25(6): 844-850.

Beneficial effects of chelidonic acid on a model of allergic rhinitis. *Int Immunopharmacol.* 2011;11(1):39-45.

Berberine inhibits the production of thymic stromal lymphopoietin by the blockade of caspase-1/NF- κ B pathway in mast cells. *Int Immunopharmacol.* 2011;11(11):1954-1959.

Blockade of IL-6 Secretion Pathway by the Sesquiterpenoid Atractylenolide III. *J Nat Prod.* 2011;74(2):223-237.

Brief comparison of the mechanism of modern medicine and traditional medicine in neuronal cell death. *TANG.* 2011;1(1):e1.

C-Kit binding properties of hesperidin (a major component of KMP6) as a potential anti-allergic agent. *PLoS One.* 2011;6(4):e19528.

Distinct Effects of Imperatorin on Allergic Rhinitis: Imperatorin Inhibits Caspase-1 Activity In Vivo and In Vitro System. *J Pharmacol Exp Ther.* 2011;339(1):72-81.

Effect of perilla frutescense var. acuta Kudo and rosmarinic acid on allergic inflammatory reaction. *Exp Biol Med (Maywood).* 2011;236(1):99-106.

Effects of *Acanthopanax divaricatus* var. *albeofructus* in mice submitted to protein restriction. *Orient Pharm Exp Med.* 2011;11:15-23. Effects of *Panax ginseng* on glial cell-derived neurotrophic factor (GDNF) expression and spermatogenesis in rats. *Phytother Res.* 2011;25(2):308-311.

Evaluation of Moon-tang on allergic reactions. *Immunopharmacol immunotoxicol.* 2011;33(2):384-390.

Histamine and TNF- α release by rat peritoneal mast cells stimulated with *Trichomonas vaginalis*. *Parasite.* 2011;18(1):49-55.

IL-32 up-regulation is associated with inflammatory cytokine production in the allergic rhinitis. *J Pathol.* 2011;224(4):553-563.

Inactivation of cystein-aspartic Acid protease (caspase)-1 by saikosaponin a. *Biol Pharm Bull.* 2011;34(6):817-823.

Inhibition of chemokine, interleukin-8 expression in an atopic milieu by pyeongwee-San extract (KMP6). *Orient Pharm Exp Med.* 2011;11:7176.

Inhibitory effects of the transgenic *Panax ginsengs* on phorbol ester plus A23187-induced IL-6 production and cyclooxygenase-2 via suppression of NF- κ B and MAPKs in HMC-1. *Immunopharmacol Immunotoxicol.* 2011;33(1):205-210.

Intracellular calcium level is upregulated by interleukin-32 in auditory cells. *Cytokine.* 2011;53(2):153-157.

Kanamycin activates caspase-1 in NC/Nga mice. *Exp Dermatol.* 2011;20(8):659-663.

Naringenin suppresses the production of thymic stromal lymphopoietin through the blockade of RIP2 and caspase-1 signal cascade in mast cells. *Eur J Pharmacol.* 2011;671(1-3):128-132.

Rosmarinic acid, active component of Dansam-Eum attenuates ototoxicity of cochlear hair cells through blockage of caspase-1 activity. *PLoS One.* 2011;6(4):e18815.

Roxatidine suppresses inflammatory responses via inhibition of NF- κ B and p38 MAPK activation in LPS-induced RAW 264.7 macrophages. *J Cell Biochem.* 2011;112(12):3648-3659.

Specific Blockage of Caspase-1 Activation by Purple Bamboo-Salt Prevents Apoptosis of Auditory Cell Line, HEI-OC1. *J Med Food.* 2011;14(1-2):53-61.

The regulatory mechanism of beta-eudesmol is through the suppression of caspase-1 activation in mast cell-mediated inflammatory response. *Immunopharmacol Immunotoxicol.* 2011;33(1):178-185.

Therapeutic potential of baekjeol-tang in arthritis. *Orient Pharm Exp Med.* 2011;11:11-13.

Thymic stromal lymphopoietin is expressed and produced by caspase-1/NF- κ B pathway in mast cells. *Cytokine.* 2011;54(3):239-243.

Tormentonic acid, a triterpenoid saponin, isolated from *Rosa rugosa*, inhibited LPS-induced iNOS, COX-2, and TNF- α expression through inactivation of the nuclear factor- κ B pathway in RAW 264.7 macrophages. *Int Immunopharmacol.* 2011;11(4):504-510.

<2010>

Ailanthus altissima swingle has anti-anaphylactic effect and inhibits inflammatory cytokine expression via suppression of nuclear factor- κ B activation. *In Vitro Cell Dev Biol Anim.* 2010;46(1):72-81.

Antiinflammatory effects of *Epimedium brevicornum* water extract on lipopolysaccharide-activated RAW264.7 macrophages. *Phytother Res.* 2010;24(12):1781-1787.

Candidate genes of cerebrovascular disease and sudden sensorineural hearing loss. *Clin Appl Thromb Hemost.* 2010;16(5):559-562.

Chungsim-Yeunja-Tang decreases the inflammatory response in peripheral blood mononuclear cells from patients with cerebral infarction through an NF- κ B dependent mechanism. *J Neuroinflammation.* 2010;7:85

Cynomorium songaricum induces spermatogenesis with glial cell-derived neurotrophic factor (GDNF) enhancement in rat testes. *J Ethnopharmacol.* 2010;128(3):693-696.

Dokhwajihwang-tang inhibits LPS-induced inflammatory cytokine production in peripheral blood mononuclear cells. *Neurol Res.* 2010;32(1):48-52.

Effects of hydrolyzed *Chlorella vulgaris* by malted barley on the immunomodulatory response in ICR mice and in Molt-4 cells. *J Sci Food Agric.* 2010;90(9):1551-1556.

Gamiwalbitang, composed of four herbs, controls body weight increase and lipid level elevation induced by a high-fat diet in mice. *Immunopharmacol immunotoxicol.* 2010;32(2):307-312.

Hot water extracts of *Chlorella vulgaris* improve immune function in protein-deficient weanling mice and immune cells. *Immunopharmacol immunotoxicol.* 2010;32(4):585-592.

Immune-enhancing effect of *Acanthopanax Koreanum* and its component,

- Eleutheroside E on the protein-energy malnourished C57bl/6 mice. *Orient Pharm Exp Med*. 2010;10(3):191-199.
- Libanoridin inhibits the mast cell-mediated allergic inflammatory reaction. *Immunopharmacol immunotoxicol*. 2010;32(2):258-264.
- The improving effects of Saengmaeksan on ulcerative colitis. *Orient Pharm Exp Med*. 2010;10(2):116-122.
- Typha orientalis* inhibits inflammatory cytokine expression through suppression of ERK phosphorylation in HMC-1 cells. *Orient Pharm Exp Med*. 2010;10(1):7-12.

<2009>

- Activation of hypoxia-inducible factor-1 regulates human histidine decarboxylase expression. *Cell Mol Life Sci*. 2009;66(7):1309-1319.
- Anti-cancer effect of *Eriocaulon sieboldianum* through the activation of caspase-3 in human leukemia cell line, HL-60 cells. *Orient Pharm Exp Med*. 2009;9(2):186-191.
- Anti-inflammatory effect of Columbianetin on activated human mast cells. *Biol Pharm Bull*. 2009;32(6):1027-1031.
- Anti-inflammatory effects of *Scutellaria baicalensis* water extract on LPS-activated RAW 264.7 macrophages. *J Ethnopharmacol*. 2009;125(2):286-290.
- Antioxidant effect of tianwang buxin pills a traditional chinese medicine formula: double-blind, randomized controlled trial. *Am J Chin Med*. 2009;37(2):227-239.
- Expression of inducible nitric oxide synthase by *Corydalis turtschaninovii* on interferon-gamma stimulated macrophages. *J Ethnopharmacol*. 2009;122(3):573-578.
- Hwanggunchungyitang Prevents Cadmium-Induced Ototoxicity through Suppression of the Activation of Caspase-9 and Extracellular Signal-Related Kinase in Auditory HEI-OC1 Cells. *Biol Pharm Bull*. 2009;32(2):213-219.
- Polymorphisms of RANTES and IL-4 Genes in Cerebral Infarction. *J Mol Neurosci*. 2009;37(1):1-5.
- Samsoeum inhibits systemic anaphylaxis and release of histamine, cytokine in vivo and in vitro. *Orient Pharm Exp Med*. 2009;9(2):115-127.
- Synergistic effect of kh-red ginseng/chlorella on the endurance capacity and immune enhancing in forced swimming tested mice. *Food Sci Biotech*. 2009;18(6):1351-1357.
- The protective effect of anti-oxidant in cadmium-induced hair cell death. *Orient Pharm Exp Med*. 2009;9(4):285-291.

<2008>

- Angiotensinogen gene polymorphism predicts hypertension, and iridological constitutional classification enhances the risk for hypertension in Koreans. *Int J Neurosci*. 2008;118:635-645.

Anti-Inflammatory Activity of *Schizonepeta tenuifolia* through the Inhibition of MAPK Phosphorylation in Mouse Peritoneal Macrophages. *Am J Chin Med.* 2008;36(6):1145-1158.

Effect of *Chlorella vulgaris* on Immune-enhancement and Cytokine Production in vivo and in vitro. *Food Sci Biotech.* 2008;17(5):953-958.

Effect of Pilopool on forced swimming test in mice. *Int J Neurosci.* 2008;118:365-374.

Green tea seed oil reduces weight gain in C57BL/6J mice and influences adipocyte differentiation by suppressing peroxisome proliferator-activated receptor-gamma. *Pflugers Arch.* 2008;457:293-302.

Induction of apoptosis by KI0477959 through activation of caspase-3 in human leukemia cell line, HL-60 cells. *Int J Neurosci.* 2008;118:1384-1399.

Inhibitory effects of *Saururus chinensis* (LOUR.) BAILL on the development of atopic dermatitis-like skin lesions in NC/Nga mice. *Biol Pharm Bull.* 2008;31(1):51-56.

Interleukin-1 alpha polymorphism-889C/T related to obesity in Korean Taeumin women. *Am J Chin Med.* 2008;36:71-80.

Interleukin-1 beta gene polymorphism and traditional constitution in obese women. *Int J Neurosci.* 2008;118(6):793-805.

Leonurus sibiricus induces nitric oxide and tumor necrosis factor-alpha in mouse peritoneal macrophages. *Can J Physiol Pharmacol.* 2008;86(10):682-690.

Lipid profile lowering effect of Soypro fermented with lactic acid bacteria isolated from Kimchi in high-fat diet-induced obese rats. *Biofactors.* 2008;33(1):49-60.

Screening of KMU-4, 6, 7 on inflammatory responses in IFN- γ and LPS-induced mouse peritoneal macrophages. *Orient Pharm Exp Med.* 2008;8(2):125-129.

Scrophularia buergeriana Regulates Cytokine Production In Vitro. *Immunopharmacol Immunotoxicol.* 2008;31(2):246-252.

The bark of *Betula platyphylla* var. *japonica* inhibits the development of atopic dermatitis-like skin lesions in NC/Nga mice. *J Ethnopharmacol.* 2008;116:270-278.

The protective mechanism of antioxidants in cadmium-induced ototoxicity in vitro and in vivo. *Environ Health Perspect.* 2008;116(7):854-862.

<2007>

Activation of inducible nitric oxide synthase by Kagamjuaguem in peritoneal macrophages in mice. *Indian J Med Res.* 2007;125(6):740-746.

Anti-inflammatory effect of dohongsamultang through inhibition of nuclear factor-kappa B activation in peripheral blood mononuclear cells of patients with cerebral infarction. *Am J Chin Med.* 2007;35(3):415-426.

Antiapoptotic mechanism of cannabinoid receptor 2 agonist on cisplatin-induced apoptosis in the HEI-OC1 auditory cell line. *J Neurosci Res.* 2007;85(4):896-905.

CYP1A1 and GSTM1/T1 genetic variation in predicting risk for cerebral infarction.

J Mol Neurosci. 2007;32(2):155-159.

Effect of Gamiseunggal-Tang on immediate type allergic reaction in mice. Indian J Med Res. 2007;125(4):542-549.

Effect of high molecular weight water-soluble chitosan on the trabecular bone and thickness in ovariectomized rats. Immunopharmacol Immunotoxicol. 2007;29(3-4):439-449.

Electroacupuncture protects against CCK-induced acute pancreatitis in rats. Neuroimmunomodulation. 2007;14(2):112-118.

Epigallocatechin-3-gallate inhibits secretion of TNF-alpha, IL-6 and IL-8 through the attenuation of ERK and NF-kappa B in HMC-1 cells. Int Arch Allergy Immunol. 2007;142(4):335-344.

Epigallocatechin-3-gallate suppresses NF-kappa B activation and phosphorylation of p38 MAPK and JNK in human astrocytoma U373MG cells. J Nutr Biochem. 2007;18(9):587-596.

Ethanol extract of *Callophyllis japonica* enhances nitric oxide and tumor necrosis factor-alpha production in mouse macrophage cell line, RAW 264.7 cells. Orient Pharm. 2007;7(4):341-347.

Fuctus *Ligustrum lucidi* inhibits inflammatory mediator release through inhibition of nuclear factor-kappa B in mouse peritoneal macrophages. J Pharm Pharmacol. 2007;59(9):1279-1285.

Gamijeonssibaekchulsan regulates mast cell-mediated anaphylactic reaction. Acta Biochim Pol. 2007;54(2):349-355.

Haeamtang induces apoptosis of colon cancer HT-29 cells through activation of caspase-3. Am J Chin Med. 2007;35(5):897-909.

Hesperidin inhibits expression of hypoxia inducible factor-1 alpha and inflammatory cytokine production from mast cells. Mol Cell Biochem. 2007;305(1-2):153-161.

Inhibitory effect of Yangkyuk-Sanhwa-Tang on inflammatory cytokine production in peripheral blood mononuclear cells from the cerebral infarction patients. Int J Neurosci. 2007;117(4):525-537.

Lithos MAPK regulation and caspase activation are required in DMNQ S-52 induced apoptosis in Lewis lung carcinoma cells permi radix extract inhibits histamine release and production of inflammatory cytokine in mast cells. Biosci Biotechnol Biochem. 2007;71(12):2886-2892.

LPS-induced inflammatory cytokine production was inhibited by hyungbangjihwangtang through blockade of NF-kappa B in peripheral blood mononuclear cells. Int J Neurosci. 2007;117(9):1315-1329.

Mountain grown ginseng induces apoptosis in HL-60 cells and its mechanism have little relation with TNF-alpha production. Am J Chin Med. 2007;35(1):169-182.

Observations of *Forsythia koreana* methanol extract on mast cell-mediated allergic reactions in experimental models. In Vitro Cell Dev Biol Anim. 2007;43(7):215-221.

Phenolic-rich fraction from *Rhus verniciflua* Stokes (RVS) suppress inflammatory

- response via NF-kappa B and JNK pathway in lipopolysaccharide-induced RAW 264.7 macrophages. *J Ethnopharmacol.* 2007;110(3):490-497.
- Plantainoside D protects adriamycin-induced apoptosis in H9c2 cardiac muscle cells via the inhibition of ROS generation and NF-kappa B activation. *Life Sci.* 2007;80(4):314-323.
- Relationship between iris constitution analysis and TNF-alpha gene polymorphism in hypertensives. *Am J Chin Med.* 2007;35(4):621-629.
- The COX-2 inhibitor SC-236 exerts anti-inflammatory effects by suppressing phosphorylation of ERK in a murine model. *Life Sci.* 2007;81(11):863-872.
- The regulatory effect of SC-236 (4-[5-(4-chlorophenyl)-3-(trifluoromethyl)-1-pyrazol-1-yl]benzenesulfonamide) on stem cell factor induced migration of mast cells. *Toxicol Appl Pharmacol.* 2007;220(2):138-145.
- Transgenic Panax ginseng inhibits the production of TNF-alpha, IL-6, and IL-8 as well as COX-2 expression in human mast cells. *Am J Chin Med.* 2007;35(2):329-339.
- Use of Electroacupuncture at ST36 to inhibit anaphylactic and inflammatory reaction in mice. *Neuroimmunomodulation.* 2007;14(1):24-31.
- Use of scopoletin to inhibit the production of inflammatory cytokines through inhibition of the I kappa B/NF-kappa B signal cascade in the human mast cell line HMC-1. *Eur J Pharmacol.* 2007;555(2-3):218-225.
- Yulda-Hanso-Tang attenuates the endotoxin-induced inflammatory cytokine production in peripheral blood mononuclear cells. *Int J Neurosci.* 2007;117(8):1149-1165.

<2006>

- Alginate acid has anti-anaphylactic effects and inhibits inflammatory cytokine expression via suppression of nuclear factor-kappa B activation. *Clin Exp Allergy.* 2006;36(6):785-794.
- Anti-inflammatory effect of jeongshintang through suppression of p38 activation in human astrocytoma, U373MG cells. *Exp Mol Pathol.* 2006;81(1):85-91.
- Anti-inflammatory effect of Samultang in human mast cell line HMC-1. *Orient Pharm Exp Med.* 2006;6(3):237-244.
- Association among apolipoprotein E gene polymorphism, diabetes mellitus, and ischemic cerebrovascular disease in Koreans. *Orient Pharm Exp Med.* 2006;6(4):312-318.
- Carbon monoxide and nitric oxide protect against tumor necrosis factor-alpha-induced apoptosis in osteoblasts: HO-1 is necessary to mediate the protection. *Clin Chim Acta.* 2006;365:270-278.
- Catalase protects cardiomyocytes via its inhibition of nitric oxide synthesis. *Nitric Oxide.* 2006;14(3):189-199.
- Differential effects of chitooligosaccharides on serum cytokine levels in aged subjects. *J Med Food.* 2006;9(3):427-430.
- Effects of the water of yellow soil, Ji-Jang-Soo on cell viability and cytokine production in immune cells. *Orient Pharm Exp Med.* 2006;6(1):39-44.

Glechoma hederacea inhibits inflammatory mediator release in IFN-gamma and LPS-stimulated mouse peritoneal macrophages. *J Ethnopharmacol.* 2006;106(3):418-424.

Glutathione S-transferase gene polymorphism and ischemic cerebrovascular disease. *Int J Neurosci.* 2006;116(1):55-65.

Increased expression of osteopontin in the heart tissue of Lewis rats with experimental autoimmune myocarditis. *J Vet Med Sci.* 2006;68(4):379-382.

Inhibitory effect of *Patrinia scabiosaefolia* on acute pancreatitis. *World J Gastroenterol.* 2006;12(7):1110-1114.

Inhibitory effects of *Rumex japonicus* Houtt. on the development of atopic dermatitis-like skin lesions in NC/Nga mice. *Br J Dermatol.* 2006;155(1):33-38.

Interleukin-1 receptor antagonist gene polymorphism and traditional classification in obese women. *Int J Neurosci.* 2006;116(1):39-53.

MAPK regulation and caspase activation are required in DMNQ S-52 induced apoptosis in Lewis lung carcinoma cells. *Cancer Lett.* 2006;233(1):57-67.

Oral administration of hot water extracts of *Chlorella vulgaris* increases physical stamina in mice. *Ann Nutr Metab.* 2006;50(4):380-386.

Phenolic-rich fraction from *Rhus verniciflua* Stokes (RVS) suppress inflammatory response via NF-kappaB and JNK pathway in lipopolysaccharide-induced R. *J Ethnopharmacol.* 2006;110(3):490-497.

Placenta hominis protects osteoporosis in ovariectomized rats. *Immunopharmacol Immunotoxicol.* 2006;28(1):165-173.

Screening of Korean marine plants for their inhibitory effect on histamine release from RPMC in vitro. *Biotechnol Bioprocess Eng.* 2006;11(1):80-83.

Sopongsan inhibits mast cell-mediated anaphylactic reactions and inflammatory cytokine secretion. *Int Arch Allergy Immunol.* 2006;139(1):31-37.

The anti-inflammatory effect of *Gigukjiwhangwhangami* through the inhibition of nuclear factor-kappa B activation in the peripheral blood mononuclear cells of patients with cerebral infarction. *Biol Pharm Bull.* 2006;29(11):2251-2255.

The effect of SHJKS on cytokines production and NF-kappa B activation in the peripheral blood mononuclear cells of patients with cerebral infarction. *Immunopharmacol Immunotoxicol.* 2006;28(4):557-570.

The effects of BR003 on memory and cell proliferation in the dentate gyrus of rat hippocampus. *Biol Pharm Bull.* 2006;29(4):813-816.

The effect of *Panax ginseng* on forced immobility time & immune function in mice. *Indian J Med Res.* 2006;124(2):199-206.

<2005>

An herbal formula, herbkines, enhances cytokines production from immune cells. *J Ethnopharmacol.* 2005;98(1-2):149-155.

Anti-allergic effects of *Lycopus lucidus* on mast cell-mediated allergy model. *Toxicol Appl Pharmacol.* 2005;209(3):255-262.

Anti-bone resorption activity of deer antler aqua- acupuncture, the pilose antler of

- Cervus korean TEMMINCK var. mantchuricus Swinhoe (Nokyong) in adjuvant-induced arthritic rats. *J Ethnopharmacol.* 2005;96(3):497-506.
- Anti-inflammatory activity of Gumiganghwaltang through the inhibition of nuclear factor-kappa B activation in peritoneal macrophages. *Biol Pharm Bull.* 2005;28(2):233-237.
- Anti-inflammatory activity of Korean folk medicine 'Sabaeksan'. *Exp Mol Pathol.* 2005;78(3):257-262.
- Antioxidant activity and nitrite scavenging ability of each fractions from *Phyllostachys bambusoides* ethanolic extract. *Orient Pharm Exp Med.* 2005;5(3):209-215.
- Aspects of gene polymorphisms in cerebral infarction: inflammatory cytokines. *Cell Mol Life Sci.* 2005;62(7-8):824-833.
- Association between tumor necrosis factor-alpha gene polymorphism and Sasang constitution in cerebral infarction. *Am J Chin Med.* 2005;33(4):547-557.
- Cambodian *Phellinus linteus* inhibits experimental metastasis of melanoma cells in mice via regulation of urokinase type plasminogen activator. *Biol Pharm Bull.* 2005;28(1):27-31.
- Candidate genes of cerebral infarction and traditional classification in Koreans with cerebral infarction. *Int J Neurosci.* 2005;115(6):743-756.
- Carbon monoxide and nitric oxide protect against tumor necrosis factor-alpha-induced apoptosis in osteoblasts: HO-1 is necessary to mediate the protection. *Clin Chim Acta.* 2005;365(1-2):270-278.
- Cheongyeolsaseuptang inhibits production of TNF-alpha, IL-6 and IL-8 as well as NF-kappa B activation in human mast cells. *J Ethnopharmacol.* 2005;97(1):83-88.
- Cyclooxygenase-2 inhibitor SC-236 [4-[5-(4-chlorophenyl)-3-(trifluoromethyl)-1-pyrazol-1-yl] benzenesulfonamide] suppresses nuclear factor-kappa B activation and phosphorylation of p38 mitogen-activated protein kinase, extracellular signal regulated kinase. *J Pharmacol Exp Ther.* 2005;314(1):27-34.
- Effect of Danchunwhangagam on LPS or DFX-induced cytokine production in peripheral mononuclear cells of cerebral infarction patients. *Immunopharmacol Immunotoxicol.* 2005;27(4):683-696.
- Effect of Korean folk medicine 'SecSec' on inflammatory cytokine secretion in HMC-1 cells. *Orient Pharm Exp Med.* 2005;5(1):69-74.
- Effects of *Drynariae rhizoma* on the proliferation of human bone cells and the immunomodulatory activity. *Pharmacol Res.* 2005;51(2):125-136.
- Effects of traditional herbal medicine, hwaotang, on atherosclerosis using the spontaneous familial hypercholesterolemia model, Kurosawa and Kusanagi-hypercholesterolemic rabbits and the venous thrombosis rats. *Phytother Res.* 2005;19(10):846-853.
- Ethanol induces the production of cytokines via the Ca²⁺ MAP kinase, HIF-1 alpha, and NF-kappa B pathway. *Life Sci.* 2005;77(17):2179-2192.
- Gamibojungikki-tang decreases immobility time on the forced swimming test and

increases interferon-gamma production from MOLT-4 cells. *J Ethnopharmacol.* 2005;102(1):113-119.

GyeongshinhaeGihwan T1 has Controlling Effects on the Factors Associated with Obesity. *J Appl Pharmacol.* 2005;13(1):7-12.

Hypoxia-induced IL-6 production is associated with activation, of MAP kinase, HIF-1, and NF-kappa B on HEI-OC1 cells. *Hear Res.* 2005;207(1-2):59-67.

Induction of apoptosis by Korean medicine Gagam-whanglyun-haedoktang through activation of caspase-3 in human leukemia cell line, HL-60 cells. *J Pharmacol Sci.* 2005;97(4):138-145.

Inhibitory effect of *Anglicae dahuricae radix* on mast cell mediated inflammatory responses. *Orient Pharm Exp Med.* 2005;5(3):188-194.

Inhibitory effect of Gamibojungikgitang extract on mast cell-mediated allergic reaction in murine model. *J Pharm Pharm Sci.* 2005;8(1):94-101.

Inhibitory effects of Okbyungpoong-Gamhmi on anaphylactic responses. *J Ethnopharmacol.* 2005;98(3):361-365.

Involvement of mitogen-activated protein kinase and NF-kappa B activation in Ca²⁺-induced IL-8 production in human mast cells. *Cytokine.* 2005;32(5):226-233.

Novel approach of molecular genetic understanding of iridology: Relationship between iris constitution and angiotensin converting enzyme gene polymorphism. *Am J Chin Med.* 2005;33(3):501-505.

P38 MAPK and NF-kappa B on IL-6 release in human gingival fibroblasts. *Immunopharmacol Immunotoxicol.* 2005;27(4):631-646.

Phenidone, a dual inhibitor of cyclooxygenases and lipoxygenases, ameliorates rat paralysis in experimental autoimmune encephalomyelitis by suppressing its target enzymes. *Brain Res.* 2005;1035(2):206-210.

Phospho-ser 15-p53 translocates into mitochondria and interacts with Bcl-2 and Bcl-xL in eugenol-induced apoptosis. *Apoptosis.* 2005;10(1):193-200.

Protective effect of T-type calcium channel blocker flunarizine on cisplatin-induced death of auditory cells. *Hear Res.* 2005;204(1-2):127-139.

Reductive effect of body weight in C57BL/6J mice fed a high-fat diet by Saesaengmyung Diet. *Can J Physiol Pharmacol.* 2005;83(2):161-165.

Regulatory effect of atopic allergic reaction by *Carpopeltis affinis*. *J Ethnopharmacol.* 2005;101(1-3):43-48.

Sargassum hemiphyllum inhibits atopic allergic reaction via the regulation of inflammatory mediators. *J Pharmacol Sci.* 2005;97(2):219-226.

Shiquandabutangjiaweibang inhibits tumor metastasis and angiogenesis via regulation of topoisomerase-1. *J Ethnopharmacol.* 2005;98(1-2):157-162.

Solanum nigrum produces nitric oxide via nuclear factor-kappa B activation in mouse peritoneal macrophages. *Eur J Cancer Prev.* 2005;14(4):345-350.

Taraxacum officinale protects against cholecystokinin-induced acute pancreatitis in rats. *World J Gastroenterol.* 2005;11(4):597-599.

The immunosuppressive effect of Buchang-tang through inhibition of mitogen-activated protein kinase and nuclear factor activation in MOLT-4 cells. *J*

Ethnopharmacol. 2005;102(1):95-101.

The immunosuppressive effect of gamisanghyulyunbueum through inhibition of mitogen-activated protein kinase and nuclear factor activation in MOLT-4 cells. Biol Pharm Bull. 2005;28(7):1177-1182.

Vascular endothelial growth factor is regulated by hypoxic stress via MAPK and HIF-1 alpha in the inner ear. J Neuroimmunol. 2005;163(1-2):84-91.

Zingansikpoongtang modulates beta-amyloid and IL-1 beta-induced cytokine production and cyclooxygenase-2 expression in human astrocytoma cells U373MG. J Ethnopharmacol. 2005;96(1-2):279-285.

<2004>

Activation of extracellular signal-regulated kinases in the sciatic nerves of rats with experimental autoimmune neuritis. Neurosci Lett. 2004;372(1-2):57-61.

Anti-allergic effects of Artemisia iwayomagi on animal model of allergic reactions. Nat Prod Sci. 2004;10(1):24-28.

Association between iris constitution and apolipoprotein E gene polymorphism in hypertensives. J Altern Complement Med. 2004;10(6):1101-1105.

Association of interleukin-1 beta gene polymorphism with body mass index in women. Clin Chem. 2004;50(3):647-650.

Biological Activities of Methyl-4-[[[(2E)-3,7-dimethyl-2,6-octadienyl]oxy]-3-hydroxybenzoate. Bull Korean Chem Soc. 2004;25(2):195-197.

Decrease of immobility behavior in forced-swimming test and immune system enhancing effect of traditional medicine Gamisipjundaebo-tang. Pharmacol Biochem Behav. 2004;79(2):253-259.

Differential inhibition of Scutellaria barbata D. Don (Lamiaceae) on HCG-promoted proliferation of cultured uterine leiomyoma and myometrial smooth muscle cells. Immunopharmacol Immunotoxicol. 2004;26(3):329-342.

Differential regulation by Seogak Jihwang-Tang on cytokines production in peripheral blood mononuclear cells from the cerebral infarction patients presenting with altered consciousness. J Ethnopharmacol. 2004;94(2-3):289-294.

Drynariae Rhizoma promotes osteoblast differentiation and mineralization in MCM-E1 cells through regulation of bone morphogenetic protein-2, alkaline phosphatase, type I collagen and collagenase-1. Toxicol In Vitro. 2004;18(6):829-834.

Effect of a Korean traditional formulation, Hwaotang, on superoxide generation in human neutrophils, platelet aggregation in human blood, and nitric oxide, prostaglandin E2 production and paw oedema induced by carrageenan in mice. Immunopharmacol Immunotoxicol. 2004;26(1):53-73.

Effect of Boo Yong-Tang on mast cell-mediated allergic reaction. Immunopharmacol Immunotoxicol. 2004;26(3):445-454.

Effect of Dang-Gui-Ji-Hwang-Yeum on osteoporosis in ovariectomized rats. Am J

Chin Med. 2004;32(3):351-360.

Effect of disodium cromoglycate on mast cell-mediated immediate-type allergic reactions. *Life Sci.* 2004;74(23):2877-2887.

Effect of Kuibitang on lipopolysaccharide-induced cytokine production in peripheral blood mononuclear cells of chronic fatigue syndrome patients. *J Ethnopharmacol.* 2004;90(2-3):253-259.

Effect of Powerdental on caries-inducing properties of *Streptococcus mutans* and TNF-alpha secretion from HMC-1 cells. *J Ethnopharmacol.* 2004;92(2-3):331-335.

Effects of a Korean herbal formulation, Silsosangami, consisting of seven medicinal herbs, and its seven herbs on endotoxin-induced experimental thrombosis in rats. *Phytother Res.* 2004;18(3):224-229.

Expression and function of CD8 alpha/beta chains on rat and human mast cells. *Biol Pharm Bull.* 2004;27(3):399-403.

Ge-Jee-Bok-Ryung-Hwan induces apoptosis in human cervical carcinoma HeLa cells - An endoplasmic reticulum stress pathway. *Life Sci.* 2004;75(25):2997-3016.

Gene-gene interaction in cerebral infarction patients : Relationship between apolipoprotein E gene polymorphism and Sasang-constitution. *Orient Pharm Exp Med.* 2004;4(2):104-111.

Ginseng radix induces apoptosis in HL-60 cells and its mechanism as little relation with TNF- α production. *Orient Pharm Exp Med.* 2004;4(3):171-178.

Glutathione S-transferase polymorphisms and traditional classification in Korean population with cerebrovascular disease. *Orient Pharm Exp Pharm.* 2004;4(2):112-119.

Herbkines increases physical stamina in mice. *Biol Pharm Bull.* 2004;27(1):117-119.

Heyneanol A induces apoptosis via cytochrome c release and caspase activation in human leukemic U937 cells. *Life Sci.* 2004;74(18):2313-2326.

Immune-enhancing effect of the Korean natural medicine WooKiEum. *Biol Pharm Bull.* 2004;27(10):1521-1526.

Immunohistochemical study of osteopontin in the spinal cords of rats with clip compression injury. *J Vet Med Sci.* 2004;66(10):1307-1310.

Inhibition of mast cell-dependent immediate-type hypersensitivity reactions by purple bamboo salt. *J Ethnopharmacol.* 2004;91(1):153-157.

Inhibitory effect of inflammatory cytokines production from activated mast cells by Gamisoponghwanghyul-tang. *Immunopharmacol Immunotoxicol.* 2004;26(4):587-596.

Inhibitory effect of Sihoga-Yonggol-Moryo-Tang on matrix metalloproteinase-2 and-9 activities and invasiveness potential of hepatocellular carcinoma. *Pharmacol Res.* 2004;50(3):279-285.

Inhibitory effect of water-soluble chitosan on TNF-alpha and IL-8 secretion from HMC-1 cells. *Immunopharmacol Immunotoxicol.* 2004;26(3):401-409.

Inhibitory effect of yunbutang on mast cell-dependent allergic reactions.

Immunopharmacol Immunotoxicol. 2004;26(2):233-242.

Inhibitory effects of Polygonum cuspidatum water extract (PCWE) and its component rasveratrol on acyl-coenzyme A-cholesterol acyltransferase activity for cholesteryl ester synthesis in HepG2 cells. *Vascul Pharmacol*. 2004;40(6):279-284.

Interleukin-1 beta gene polymorphism related with allergic pathogenesis in iris constitution. *Immunopharmacol Immunotoxicol*. 2004;26(4):653-661.

Isodon japonicus decreases immediate-type allergic reaction and tumor necrosis factor-alpha production. *Int Arch Allergy Immunol*. 2004;135(1):17-23.

Isodon japonicus inhibits mast cell-mediated immediate-type allergic reactions. *Immunopharmacol Immunotoxicol*. 2004;26(2):273-284.

Je-Chun-Jun induced apoptosis of human cervical carcinoma HeLa cells. *Acta Pharmacol Sin*. 2004;25(10):1372-1379.

Madimadi, Korean folk medicine, blocks TNF-alpha, IL-1 beta, and IL-8 production by activated human immune. *Cytokine*. 2004;25(4):179-186.

Methylene chloride fraction of Scutellaria barbata induces apoptosis in human U937 leukemia cells via the mitochondrial signaling pathway. *Clin Chim Acta*. 2004;348(1-2):41-48.

Molecular discrimination of medicinal astragali radix by RAPD analysis. *Immunopharmacol Immunotoxicol*. 2004;26(2):265-272.

MooPoong (Gye Young Jeong) increases HDL-cholesterol but decreases LDL cholesterol and body-weight. *Immunopharmacol Immunotoxicol*. 2004;26(2):225-232.

OK205 regulates production of inflammatory cytokines in HMC-1 cells. *Biol Pharm Bull*. 2004;27(11):1871-1874.

Oriental medicines with anti-anaphylactic effect. *Orient Pharm Exp Med*. 2004;4(3):125-136.

Paeonol inhibits anaphylactic reaction by regulating histamine and TNF-alpha. *Int Immunopharmacol*. 2004;4(2):279-287.

Polymorphism of interleukin-1 receptor antagonist gene and obesity *Clin Chim Acta*. 2004;340(1-2):173-177.

Polymorphism of the tumor necrosis factor alpha gene and waist-hip ratio in obese Korean women. *Mol Cells*. 2004;18(3):340-345.

Poncirus trifoliata fruit induces apoptosis in human promyelocytic leukemia cells. *Clin Chim Acta*. 2004;340(1-2):179-185.

Processed Zanthil fructus increases cell viability of mast cell line, RBL-2H3. *Orient Pharm Exp Med*. 2004;4(1):60-64.

Regulatory Effect of Atopic Allergic Reaction by Modified Gagam-danguieumja. *J Pharmacol*. 2004;12(4):235-241.

Regulatory effect of dosiinpartner on high-fat diet-induced obesity in C57BL/6J mice. *Biol Pharm Bull*. 2004;27(8):1297-1300.

Regulatory effect of sense line diet on cholesterol and body weight in mice fed a high-fat diet. *Ann Nutr Metab*. 2004;48(6):398-403.

Regulatory Effect of Th-2 Cytokine Production in Mast Cells O2PS15. *J Appl*

- Pharmacol. 2004;12(2):79-84.
- Regulatory effects of cytokine production in atopic allergic reaction by gammidanguieumja. *Inflammation*. 2004;28(5):291-298.
- Roles of p38 and JNK mitogen-activated protein kinase pathways during cantharidin-induced apoptosis in U937 cells. *Biochem Pharmacol*. 2004;67(10):1811-1818.
- Rubus croceacanthus* Leveille inhibits mast cell-mediated anaphylactic-like reaction and tumor necrosis factor- α secretion. *Biol Pharm Bull*. 2004;27(9):1359-1363.
- Sodium salicylate-induced amelioration of experimental autoimmune encephalomyelitis in Lewis rats is associated with the suppression of inducible nitric oxide synthase and cyclooxygenases. *Neurosci Lett*. 2004;356(2):123-126.
- Suppression of nuclear translocation of nuclear factor- κ B and nuclear factor of activated T cells by Younggaechulgam-tang. *Immunopharmacol Immunotoxicol*. 2004;26:545-558.
- Taraxacum officinale* induces cytotoxicity through TNF- α and IL-1 α secretion in Hep G2 cells. *Life Sci*. 2004;74(9):1149-1157.
- Temporal patterns of the embryonic intermediate filaments nestin and vimentin expression in the cerebral cortex of adult rats after cryoinjury. *Brain Res*. 2004;1028(2):238-242.
- The immune-enhancing effect of the herbal combination Bouum-MyunyuK-Dan. *Biol Pharm Bull*. 2004;27(1):29-33.
- The Oriental medicine "Cool-Cool (Cool-X-A)" inhibits inflammatory cytokine production and migration in mast cells. *Biol Pharm Bull*. 2004;27(1):34-37.
- Tumor necrosis factor α gene polymorphism is associated with cerebral infarction. *Brain Res Mol Brain Res*. 2004;122(1):99-102.
- Upregulation of osteopontin in Schwann cells of the sciatic nerves of Lewis rats with experimental autoimmune neuritis. *Neurosci Lett*. 2004;372(1-2):137-141.
- Water extract isolated from *Chelidonium majus* enhances nitric oxide and tumour necrosis factor- α production via nuclear factor- κ B activation in mouse peritoneal macrophages. *J Pharm Pharmacol*. 2004;56(1):129-134.
- Xanthii fructus* inhibits inflammatory responses in LPS-stimulated mouse peritoneal macrophages. *Inflammation*. 2004;28(5):263-270.
- Yuk-Hap-Tang induces apoptosis by intervening Mn-SOD in human cervical carcinoma HeLa cells. *Am J Chin Med*. 2004;32(6):883-895.

<2003>

- Action of enzyme food, Green Life enzyme on systemic and local anaphylaxis. *Orient Med Exp Med*. 2003;3(1):46-50.
- Angiotensin converting, enzyme gene polymorphism and traditional Sasang classification in Koreans with cerebral infarction. *Hereditas*.

2003;138(3):166-171.

Anti-inflammatory activity of Korean folk medicine purple bamboo salt. *Immunopharmacol Immunotoxicol.* 2003;25(3):377-384.

Association of interleukin-1 alpha gene polymorphism with cerebral infarction. *Brain Res Mol Brain Res.* 2003;115(1):50-54.

Bombycis corpus extract (BCE) protects hippocampal neurons against excitatory amino acid-induced neurotoxicity. *Immunopharmacol Immunotoxicol.* 2003;25(2):191-201.

Daeganghwal-tang inhibits the stem cell factor-induced migration and inflammatory cytokines secretion in mast cells. *J Ethnopharmacol.* 2003;85(1):157-161.

Effect of Bamboo salt-pro on carries-inducing properties of *Streptococcus mutans*. *Orient Med Exp Med.* 2003;3(1):40-45.

Effect of Bojungikki-tang on lipopolysaccharide-induced cytokine production from peripheral blood mononuclear cells of chronic fatigue syndrome patients. *Immunopharmacol Immunotoxicol.* 2003;25(4):491-501.

Effect of *Poncirus fructus* on stem cell factor-induced mast cell migration. *Pharmacol Res.* 2003;48(3):267-271.

Expression of proinflammatory cytokines via HIF-1 alpha and NF-kappa B activation on desferrioxamine-stimulated HMC-1 cells. *Biochem Biophys Res Commun.* 2003;306(4):805-811.

Forsythia fructus inhibits the mast-cell-mediated allergic inflammatory reactions. *Inflammation.* 2003;27(3):129-135.

Frequencies of interleukin 1 gene polymorphisms in Koreans. *Clin chem.* 2003;49(12):2101-2102.

Frequencies of the tumor necrosis factor gene polymorphisms in the Korean population. *Hereditas.* 2003;139(3):184-188.

Gene polymorphisms in tumor necrosis factor locus and waist-hip ratio in obese Koreans. *Clin Chim Acta.* 2003;338(1-2):117-122.

Genetic susceptibility to ischemic cerebrovascular disease in Koreans. *J Mol Neurosci.* 2003;20(1):31-38.

Highly purified chitosan reduce blood alcohol concentration, aspartate aminotransferase, and alanine aminotransferase levels in human. *Orient Med Exp Med.* 2003;3(1):18-20.

Immune-enhancement effect of JaSaeHwan. *Orient Med Exp Med.* 2003;3(1):34-39.

Immune-enhancement effect of the herbal combination Allergina. *Clin Chim Acta.* 2003;337(1-2):77-84.

Induction of apoptosis by Paljin-Hangahmdan on human leukemia cells. *J Ethnopharmacol.* 2003;88:79-83.

Inhibition of *Drynariae Rhizoma* extracts on bone resorption mediated by processing of cathepsin K in cultured mouse osteoclasts. *Int Immunopharmacol.* 2003;3(12):1685-1697.

Inhibition of the stem cell factor-induced migration of mast cells by

dexamethasone. *Endocrinology*. 2003;144(9):4080-4086.

Inhibitory effect of high molecular weight water-soluble chitosan on hypoxia-induced inflammatory cytokine production. *Bio Pharm Bull*. 2003;26(5):717-721.

Inhibitory effect of Sejin-Eum I/II on nicotine- and cigarette extract-induced cytotoxicity in human lung fibroblast. *J Ethnopharmacol*. 2003;86(1):15-20.

Inhibitory effects of Xanthii fructus extract on mast cell-mediated allergic reaction in murine model. *J Ethnopharmacol*. 2003;88(2-3):229-234

Interleukin-1 gene cluster polymorphisms in cerebral infarction. *Cytokine*. 2003;23:41-46.

Inulin stimulates NO synthesis via activation of PKC-alpha and protein tyrosine kinase, resulting in the activation of NF-kappa B by IFN-gamma-primed RAW 264.7 cells. *J Nutr Biochem*. 2003;14(10):598-605.

Magnoliae flos induces apoptosis of RBL-2H3 cells via mitochondria and caspase. *Int Arch Allergy Immunol*. 2003;131(2):101-110.

Novel effects of On-Chung-Eum, the traditional plant medicine, on cytokine production in human mononuclear cells from Behcet's. *Immunopharmacol Immunotoxicol*. 2003;25(1):65-72.

Polymorphism of angiotensin-converting enzyme gene and BMI in obese Korean women. *Clin Chim Acta*. 2003;328(1-2):173-178.

Polymorphism of angiotensin-converting enzyme, angiotensinogen, and apolipoprotein E genes in Korean patients with cerebral infarction. *J Mol Neurosci*. 2003;21(1):23-28.

Production of nitric oxide and tumor necrosis factor-alpha by *Smilacis rhizoma* in mouse peritoneal macrophages. *Comp Biochem Physiol C Toxicol Pharmacol*. 2003;135(2):197-203.

Reductive effect of body weight in rats fed a high-fat diet by sense-line. *Orient Pharm Expe Med*. 2003;3(1):29-33.

Regulation of TH1/TH2 cytokine production by Chungsim-Yeunja-Tang in patients with cerebral infarction. *Immunopharmacol Immunotoxicol*. 2003;25(1):29-39.

Tanshinone IIA from *Salvia miltiorrhiza* inhibits inducible nitric oxide synthase expression and production of TNF-alpha, IL-1 beta and IL-6 in activated RAW 264.7 cells. *Planta Med*. 2003;69(11):1057-1059.

The effect of acupuncture on proinflammatory cytokine production in patients with chronic headache: A preliminary report. *Am J Chin Med*. 2003;31(6):945-954.

The effect of Jeo Dang-Tang on cytokines production in the patients with cerebral infarction. *Immunopharmacol Immunotoxicol*. 2003;25(4):503-512.

TNF-alpha and TNF-beta gene polymorphisms in cerebral infarction. *J Mol Neurosci*. 2003;21(2):167-171.

Trypsin induces tumour necrosis factor-alpha secretion from a human leukemic mast cell line. *Cell Biochem Funct*. 2003;21(2):161-167.

<2002>

- Action of *Rubus coreanus* extract on systemic and local anaphylaxis. *Phytother Res.* 2002;16(6):508-513.
- Activation of inducible nitric oxide synthase by *Euonymus alatus* in mouse peritoneal macrophages. *Clin Chim Acta.* 2002;318(1-2):113-120.
- Agonists of proteinase-activated receptor 2 induce TNF- α secretion from astrocytoma cells. *Cell Biochem Funct.* 2002;20(4):339-345.
- CancerB increases production of nitric oxide and tumor necrosis factor- α in peritoneal macrophages. *Clin Chim Acta.* 2002;322(1-2):149-156.
- Ciga-X inhibits nicotine-induced human lung fibroblasts cytotoxicity and craving for cigarettes. *Orient Pharm Exp Med.* 2002;2(2):119-124.
- Cytokine production regulation in human astrocytes by a herbal combination (YULDAHANSOTANG). *Immunopharmacol Immunotoxicol.* 2002;24(1):55-67.
- Degradation of I κ B α in activated RAW264.7 cells is blocked by the phosphatidylinositol 3-kinase inhibitor LY294002. *Cell Biol Toxicol.* 2002;18(2):121-130.
- Determination of the site of origin of *Pinellia ternata* roots based on RAPD analysis and PCR-RFLP. *Hereditas.* 2002;136(2):126-129.
- Diol- and trio- type ginseng saponins potentiate the apoptosis of NIH3T3 cells exposed to methyl methanesulfonate. *Toxicol Appl Pharmacol.* 2002;181(3):192-202.
- Effect of *Acanthopanax senticosus* stem on mast cell-dependent anaphylaxis. *J Ethnopharmacol.* 2002;79(3):347-352.
- Effect of Sinpo-tang on the mast cell-mediated anaphylactic reactions. *Pharmacol Res.* 2002;46(5):453-458.
- Effects of Allergina on the treatment of otitis media with effusions. *Inflammation.* 2002;26(2):89-95.
- High molecular weight water-soluble chitosan protects against apoptosis induced by serum starvation in human astrocytes. *J Nutr Biochem.* 2002;13(4):245-249.
- IL-1 β regulates cellular proliferation, prostaglandin E2 synthesis, plasminogen activator activity, osteocalcin production, and bone resorptive activity of the mouse calvarial bone cells. *Immunopharmacol Immunotoxicol.* 2002;24(3):395-407.
- Induction of nitric oxide synthase by *Oldenlandia diffusa* in mouse peritoneal macrophages. *Biol Pharm Bull.* 2002;25(9):1142-1146.
- Inhibition of cytokine production by the traditional oriental medicine, 'Gamcho-Sasim-Tang' in mitogen-stimulated peripheral blood mononuclear cells from Adamantiades-Behçet's patients. *J Ethnopharmacol.* 2002;83(1-2):123-128.
- Inhibition of immediate-type allergic reactions by the aqueous extract of *Salvia plebeia*. *Immunopharmacol Immunotoxicol.* 2002;24(2):303-314.
- Inhibition of TNF- α and IL-6 production by aucubin through blockade of NF- κ B activation in RBL-2H3 mast cells. *Cytokine.* 2002;18(5):252-259.
- Inhibition of tumor necrosis factor- α from rat astrocytes by Sesim-tang.

- Phytother Res. 2002;16(1):28-32.
- Inhibitory effect of a Korean traditional medicine, Honghwain-Jahage (water extracts of *Carthamus tinctorius* L. seed and *Hominis placenta*) on interleukin-1-mediated bone resorption. *J Ethnopharmacol.* 2002;79(2):143-148.
- Inhibitory effect of apoptosis in human astrocytes CCF-STTG1 cells by lemon oil. *Pharmacol Res.* 2002;45(6):469-473.
- Inhibitory effect of *Artemisia capillaris* on ethanol-induced cytokines (TNF-alpha, IL-1alpha) secretion in Hep G2 cells. *Immunopharmacol Immunotoxicol.* 2002;24(3):441-453.
- Inhibitory effect of mast cell-mediated acute and chronic allergic reactions by Dodutang. *Immunopharmacol Immunotoxicol.* 2002;24(4):583-594.
- Ixeris dentata* green sap inhibits both compound 48/80-induced anaphylaxis-like response and IgE-mediated anaphylactic response in murine model. *Biol Pharm Bull.* 2002;25(1):5-9.
- Nitric oxide and tumor necrosis factor-alpha production by *Ixeris dentata* in mouse peritoneal macrophages. *J Ethnopharmacol.* 2002;82(2-3):217-222.
- Phosphatidylinositol 3-kinase regulates PMA-induced differentiation and superoxide production in HL-60 cells. *Immunopharmacol Immunotoxicol.* 2002;24:211-226.
- Regulatory effect of cytokine production in asthma patients by Soojichim (Koryo hand acupuncture therapy). *Immunopharmacol Immunotoxicol.* 2002;24(2):265-274.
- Role of Ca(2+) on TNF-alpha and IL-6 secretion from RBL-2H3 mast cells. *Cell Signal.* 2002;14(7):633-639.
- SunghyangJungki-San Ga Pogongyoung inhibits IL-1 mediated tumour necrosis factor-alpha secretion in astrocytes. *Phytother Res.* 2002;16(3)248-252.
- The immune-enhancement effect by Falun gong cultivation. *Orient Pharm Exp Med.* 2002;2(2):113-118.
- Tongkyutang inhibits mast cell-dependent allergic reactions and inflammatory cytokines secretion. *Clin Chim Acta.* 2002;319(1):35-41.
- Water-soluble chitosan inhibits the production of pro-inflammatory cytokine in human astrocytoma cells activated by amyloid beta peptide and interleukin-1beta. *Neurosci Lett.* 2002;321(1-2):105-109.
- Yangkyuk-Sanhwa-Tang induces changes in serum cytokines and improves outcome in focal stroke patients. *Vascul Pharmacol.* 2002;39(1-2):63-68.

<2001>

- Acanthopanax senticosus* root inhibits mast cell-dependent anaphylaxis. *Clin Chim Acta.* 2001;312(1-2):163-168.
- Bombacis corpus* extract prevents amyloid-beta-induced cytotoxicity and protects superoxide dismutase activity in cultured rat astrocytes. *Pharmacol Res.* 2001;43(1):11-16.
- Degradation of I κ B α in activated RAW264.7 cells is blocked by the

- phosphatidylinositol 3-kinase inhibitor, LY294002. *Orient Pharm Exp Med.* 2001;1(1):64-74.
- Differential distribution of ganglioside GM3 in seminiferous tubule and epididymis of adult rats. *Arch Pharm Res.* 2001;24(4):360-366.
- Disodium cromoglycate inhibits production of immunoglobulin E. *Immunopharmacol Immunotoxicol.* 2001;23(2):229-237.
- Effect of Allergina on mast cell-mediated allergic reaction. *Immunopharmacol Immunotoxicol.* 2001;23(4):627-637.
- Effect of *Alpinia oxyphylla* fruit extract on compound 48/80-induced anaphylactic reactions. *Am J Chin Med.* 2001;29(2):293-302.
- Effect of Gahmiseungal-Tang on immediate-type allergic reaction by anai therapy. *Int J Orient Med.* 2001;2(1):47-53.
- Effects of Honghwain (*Carthamus tinctorius* L. seed) extract on interleukin-1-induced bone metabolism in mouse calvarial osteoblasts. *Int J Orient Med.* 2001;2(1):38-46.
- Estrogen regulates cytokine release in human mast cells. *Immunopharmacol Immunotoxicol.* 2001;23(4):495-504.
- Hypoxia induces apoptosis by caspase activation accompanying cytochrome C release from mitochondria MC3T3E1 osteoblasts. p38 MAPK is related in hypoxia. *Immunopharmacol Immunotoxicol.* 2001;23(2):133-153.
- Inhibition of ethanol-induced cytotoxicity by Ganyun-1st-Tang in Hep G2 cells. *Int J Orient Med.* 2001;2(1):54-59.
- Inhibition of heat shock-induced apoptosis by peppermint oil in astrocytes. *J Mol Neurosci.* 2001;17(3):391-396.
- Inhibition of immediate-type allergic reactions by *Prunella vulgaris* in a murine model. *Immunopharmacol Immunotoxicol.* 2001;23(3):423-435.
- Inhibition of immunologic and nonimmunologic stimulation-mediated anaphylactic reactions by water extract of white eggplant (*Solanum melongena*). *Pharmacol Res.* 2001;43(4):405-409.
- Inhibitory action of water soluble fraction of *Terminalia chebula* on systemic and local anaphylaxis. *J Ethnopharmacol.* 2001;74(2):133-140.
- Inhibitory effect of immunoglobulin E production by Jin-deuk-chal(*Siegesbeckia orientalis*). *Immunopharmacol Immunotoxicol.* 2001;23(4):555-563.
- Inhibitory effect of mast cell-mediated allergic reactions by cell cultured siberian ginseng. *Immunopharmacol Immunotoxicol.* 2001;23(1):107-117.
- Inhibitory effect of tumor necrosis factor-alpha secretion from rat astrocytes by Chilbokeum. *Immunopharmacol Immunotoxicol.* 2001;23(1):97-106.
- Inhibitory effect on immunoglobulin E production in vivo and in vitro by *Siegesbeckia glabrescens*. *Phytother Res.* 2001;15(7):572-576.
- Juniper oil inhibits the heat shock-induced apoptosis via preventing the caspase-3 activation in human astrocytes CCF-STTG1 cell. *Clin Chim Acta.* 2001;314(1-2):215-220.
- Kunbi-boshin-hangam-tang stimulates nitric oxide production through activation of nuclear factor-kB. *Immunopharmacol Immunotoxicol.* 2001;23(2):175-

186.

- Molecular Authentication of Panax ginseng Species by RAPD Analysis. *Biol Pharm Bull.* 2001;24(8):872-875.
- Novel findings in inhibition of mast cell-dependent immediate-type cutaneous reactions by Gahmi-Shini-San. *Clin Chim Acta.* 2001;309(1):85-90.
- Phosphatidylinositol 3-kinase regulates proliferation of Raw 264.7 macrophages. *Immunopharmacol Immunotoxicol.* 2001;23(3):355-365.
- Polymorphism of the angiotensin-converting enzyme gene in patients with cerebral infarction in Koreans. *J Mol Neurosci.* 2001;17(3):279-283.
- Promoted expression of mast cell-specific proteases in IgE-dependent passive cutaneous anaphylaxis responses. *Clin Chim Acta.* 2001;314(1-2):231-236.
- Pyrrrolidine dithiocarbamate inhibits serum-induced NF- κ B activation and induces apoptosis in ROS 17/2.8 osteoblasts. *Int Immunopharmacol.* 2001;1(2):255-263.
- Sodium nitroprusside induces apoptosis of H9C2 cardiac muscle cells in a c-Jun N-terminal kinase-dependent manner. *Int Immunopharmacol.* 2001;1(1):967-978.
- Syzygium aromaticum* (L.) Merr. Et Perry (Myrtaceae) flower bud induces apoptosis of p815 mastocytoma cell line. *Life Sci.* 2001;69(5):553-566.
- The activation of PI3-K and PKC zeta in PMA-induced differentiation of HL-60 cells. *Cancer Lett.* 2001;171(1):79-85.
- The p38 mitogen-activated protein kinase pathway regulates interleukin-6 synthesis in response to tumor necrosis factor in osteoblasts. *Bone.* 2001;28(1):45-53.

<2000>

- A Tetrodotoxin-Producing *Vibrio* Strain, LM-1, from the Puffer Fish *Fugu vermicularis radiatus*. *Appl Environ Microbiol.* 2000;66(4):1698-1701.
- Aminoguanidine-induced amelioration of autoimmune encephalomyelitis is mediated by reduced expression of inducible nitric oxide synthase in the spinal. *Immunol Invest.* 2000;29(3):233-241.
- Antiallergy drugs from Oriental medicines. *Int J Orient Med.* 2000;1(1):1-7.
- Antiosteoporotic activity of 'Dae-Bo-Won-Chun' in the ovariectomized rats. *Int J Orient Med.* 2000;1(1):97-106.
- Antiosteoporotic activity of Dae-Bo-Won-Chun in ovariectomized rats. *Phytother Res.* 2000;15(1):53-57.
- Clinical and molecular biological aspect of the hyaluronidases: basis and clinical overview for oriental medical application. *Int J Orient Med.* 2000;1(1):8-27.
- Developmental patterns of mST3GalV mRNA expression in the mouse: in situ hybridization using DIG-labeled RNA probes. *Arch Pharm Res.* 2000;23(5):525-530.
- Dexamethasone suppresses the TNF- α induced apoptosis. *Endocrinology.* 2000;141(3):156-164.
- Effect of *Vitex rotundifolia* on immediate-type allergic reaction. *J Ethnopharmacol.*

2000; 72(3): 443-450.

Expression of protein kinase C genes in normal(+/+) and W mutant alleles mice testis. *Immunopharmacol Immunotoxicol.* 2000; 22(1):91-102.

Human chorionic gonadotropin induces nitric oxide synthesis by murine microglia. *Int J Immunopharmacol.* 2000; 22(6):453-461.

Inhibiotion of tumor necrosis factor-alpha-induced apoptosis by *Asparagus cochinchinensis* in Hep G2 cells. *J Ethnopharmacol.* 2000; 73(1-2):137-143.

Inhibition of mast cell-mediated anaphylaxis by sochungryong-tang. *Am J Chin Med.* 2000; 28(1):69-76.

Inhibitory effect of anaphylactic shock by caffeine in rats. *Int J Immunopharmacol.* 2000; 22(6):411-418.

Inhibitory effect of interleukin-1 alpha-induced apoptosis by *Polygala tenuifolia* in Hep G2 cells. *Immunopharmacol Immunotoxicol.* 2000; 22(3):531-544.

Inhibitory effect of mast cell-mediated immediate-type allergic reactions by sulfapyridine. *Immunopharmacol Immunotoxicol.* 2000; 22(2):253-266.

Inhibitory effect of mast cell-mediated immediate-type allergic reactions in rats by *Perilla frutescens*. *Immunopharmacol Immunotoxicol.* 2000; 22(3):489-500.

Inhibitory effect of sodium salicylate on nitric oxide production from TM4 Sertoli cells. *Int J Immunopharmacol.* 2000; 22(9):685-692.

Molecular mechanism of staurosporin-induced apoptosis in osteoblasts. *Pharmacol Res.* 2000; 42(4):373-381.

Nitric oxide production by high molecular weight water-soluble chitosan via nuclear factor-kB activation. *Int J Immunopharmacol.* 2000; 22(11):923-933.

Production of hydrogen peroxide by serum and its involvement in cell proliferation in ROS 17/2.8 osteoblasts. *Immunopharmacol Immunotoxicol.* 2000; 22(2):317-337.

Protein kinase C independent activation of inducible nitric oxide synthase by tumor necrosis factor alpha in TM4 sertoli cells. *Immunopharmacol Immunotoxicol.* 2000; 22(1):49-59.

Radish extract stimulates motility of the intestine via the muscarinic receptors. *J Pharm Pharmacol.* 2000; 52(8):1031-1036.

Reduced IL-2 But Elevated IL-4, IL-6, and IgE Serum Levels in Patients with Cerebral Infarction During the Acute Stage. *J Mol Neurosci.* 2000; 14(3):191-196.

Regulatory effect of cytokine production in patients with cerebral infarction by *Yulda-hanso-tang*. *Immunopharmacol Immunotoxicol.* 2000; 22(2):183-193.

Shibimijihwang-tang elevates intracellular ATP and choline content in the cerebral cortex of ovariectomized rats. *J Ethnopharmacol.* 2000; 72(1-2):77-85.

Suppression of immunoglobulin E-mediated anaphylactic reaction by *Alpinia oxyphylla* in rats. *Immunopharmacol Immunotoxicol.* 2000; 22(2):267-277.

Taraxacum officinale inhibits tumor necrosis factor-alpha production from rat astrocytes. *Immunopharmacol Immunotoxicol.* 2000; 22(3):519-530.

The antiproliferative activity of cannabidiol ethyl ethers against human oral epitheloid carcinoma cells. *Int J Orient Med*. 2000;1(1):45-54.

The stem of *Sinomenium acutum* inhibits mast cell-mediated anaphylactic reactions and tumor necrosis factor- α production from rat peritoneal mast cells. *J Ethnopharmacol*. 2000;70(2):135-141.

Transition metal induces apoptosis in MC3T3E1 osteoblast. *Korean Journal of Physiology and Pharmacology*. 2000;4:47-54.

<1999>

Action of Soshiho-Tang on systemic and local anaphylaxis by anal administration. *Immunopharmacol Immunotoxicol*. 1999;21(3):635-643.

Activation of inducible nitric oxide synthase by *Taraxacum officinale* in mouse. *General Pharmacology*. 1999;32:683-688.

Asiasari radix inhibits immunoglobulin E in vitro and in vivo production on experimental models. *Immunopharmacol Immunotoxicol*. 1999;21(3):469-481.

Deficient transcription of mouse mast cell protease 4 gene in mutant mice of mi/mi genotype. *Blood*. 1999;93(6):1942-1950.

Different effect of various mutant MITF encoded by mi, mior, or miwh allele on phenotype of murine mast cells. *Blood*. 1999;93(12):4179-4186.

Effect of *Cryptotympana atrata* extract on compound 48/80-induced anaphylactic. *J Ethnopharmacol*. 1999;66(3):319-325.

Effect of ionizing radiation on the differentiation of ROS 17/2.8 osteoblasts through free radicals. *J Radiat Res*. 1999;40(4):323-335.

Effect of Korean folk medicine 'Chung-Dae-San' on mast cell-dependent anaphylactic reaction. *J Ethnopharmacol*. 1999;64(1):45-52.

Effect of Kumhwang-San on anaphylactic reaction in a murine model. *Immunopharmacol Immunotoxicol*. 1999;21(1):163-174.

Effect of *Schizonepeta tenuifolia* extract on mast cell-mediated immediate-type hypersensitivity in rats. *Immunopharmacol Immunotoxicol*. 1999;21(4):705-715.

Expression and localization of protein kinase C θ isoform in mouse testis. *Life Sci*. 1999;65(8):805-812.

Inhibition of immediate-type allergic reaction by *Rosa davurica* PALL. in a murine. *J Ethnopharmacol*. 1999;67(1):53-60.

Inhibition of immunoglobulin E production by *Poncirus trifoliata* fruit extract. *J Ethnopharmacol*. 1999;66(3):283-288.

Inhibition of lipopolysaccharide plus substance P-induced tumor necrosis factor- α production from astrocytes by Chongmyung-Tang. *J Ethnopharmacol*. 1999;66(3):295-300.

Inhibition of mast cell-dependent anaphylaxis by sodium salicylate. *Immunol*. 1999;96(4):551-556.

Inhibition of mast cell-dependent anaphylaxis by succinic acid. *Pharmacol Toxicol*. 1999;84(4):154-158.

Inhibition of stem cell factor- and nerve growth factor-induced morphological. Arch Pharm Res. 1999;22(2):108-112.

Inhibitory effect of mast cell-mediated immediate-type allergic reactions by cichorium intybus. Pharmacol Res. 1999;40(1):61-65.

Interleukin-3 or immunoglobulin E promotes expression of protein kinase C delta gene in murine mast cells. Pharmacol Res. 1999;40(2):147-151.

Lavender oil inhibits immediate-type allergic reaction in mice and rats. J Pharm Pharmacol. 1999;51(2):221-226.

Magnoliae flos inhibits mast cell-dependent immediate-type allergic reactions. Pharmacol Res. 1999;39(2):107-111.

Production of nitric oxide in mouse peritoneal macrophages after priming with interferon- by the stem of Sinomentum acutum. J Ethnopharmacol. 1999;66(3):311-317.

Rehmannia glutinosa inhibits tumor necrosis factor-alpha and interleukin-1 secretion. Pharmacol Res. 1999;40(2):171-176.

Role of TGF- β 1 on the IgE-dependent anaphylaxis reaction. J Immunol. 1999;162(8):4960-4965.

Salviae radix root extract inhibits immunoglobulin E-mediated allergic reaction. Gen pharmacol. 1999;32(5):603-608.

Shini-San inhibits mast cell-dependent immediate-type allergic reactions. Am J Chin Med. 1999;27(3):377-386.

Synthesis and analgesic activity of non-classical bicyclic cannabinoid analogues. Pharm Pharmacol Commun. 1999;5(2):67-71.

The evaluation of antianaphylactic effect of Oryza sativa L. in rats. Am J Chin Med. 1999;27(1):63-71.

The evaluation of the antianaphylactic effect of Oryza sativa L. subsp. Hsien ting in rats. Pharmacol Res. 1999;40(1):31-36.

The nitric oxide-producing activities of Scutellaria baicalensis. Toxicol. 1999;135(2-3):109-115.

The nitric oxide-producing properties of Solanum lyratum. J Ethnopharmacol. 1999;67(2):163-169.

The nitric oxide producing properties of Ulmi Radicis Cortex extract. Immunopharmacol Immunotoxicol. 1999;21(2):295-306.

<1998>

Action of Ulmi radicis Cortex Extract on Systemic and Local Anaphylaxis in Rats. General Pharmacol. 1998;31(3)483-488.

Activation of Inducible Nitric Oxide Synthase by Yongdam-Sagan-Tang in Mouse Peritoneal Macrophages. J Ethnopharmacol. 1998;60(1)61-69.

Alteration of protease expression phenotype of mouse peritoneal mast cells by changing the microenvironment as demonstrated by in situ hybridization histochemistry. Am J Pathol. 1998;153(6)931-936.

Effect of Polygala tenuifolia Root Extract on the Tumor Necrosis Factor- α Secretion from Mouse Astrocytes. J Ethnopharmacol. 1998;61(3):201-208.

Effect of *Rehmannia Glutinosa* on Immediate Type Allergic Reaction. *Int J Immunopharmacol.* 1998;20(4-5):231-240.

Effect of *Syzygium Aromaticum* Extract on Immediate Hypersensitivity in Rats. *J Ethnopharmacol.* 1998;60(2):125-131.

Immunohistochemical study of protein kinase C in the testes of cattle and pigs. *J Vet Med Sci.* 1998;60(5):631-633.

Inhibition of Anaphylaxis by Sulfasalazine in Rats. *Pharmacol.* 56(0):223-229

Inhibition of Immediate Type Allergic Reactions by the Aqueous Extract of *Kum-Hwang-San*. *Int J Immunopharmacol.* 1998;20(6):285-294.

Inhibition of Mast Cell-Dependent Anaphylactic Reactions by the Pigment of *Polygonum tinctorium* (Chung-Dae) in Rats. *Gen Pharmacol.* 1998;31(3):361-365.

Inhibition of the induction of the inducible nitric oxide synthase in murine brain microglial cells by sodium salicylate. *Immunol.* 1998;95(3):389-394.

Inhibition of Wound-induced Expression of Transforming Growth Factor-beta 1 mRNA its Antisense Oligonucleotides. *Pharmacol Res.* 1998;37(4):289-293.

Inhibitory effect of anaphylactic reaction of *Sosih-Tang*. *Immunopharmacol Immunotoxicol.* 1998;20(4):567-578.

Inhibitory Effect of *Asparagus cochinchinensis* on Tumor Necrosis Factor- α Secretion from Astrocytes. *Int J Immunopharmacol.* 1998;20(4-5):153-162.

Inhibitory Effect of Mast Cell-Mediated Immediate Type Allergic Reactions in Rats by *Spirulina*. *Biochem Pharmacol.* 1998;55(7):1071-1076.

Morphologic Alterations in Rat Peritoneal Mast Cells by Stem Cell Factor. *Immunol.* 1998;94(2):242-246.

Solanum Lyratum Inhibits Anaphylactic Reaction & Suppresses the Expression of L-histidine Decarboxylase mRNA. *Immunopharmacol Immunotoxicol.* 1998;20(1):135-146.

Specific-Inhibition of Immunoglobulin E-mediated Allergic Reaction using Antisense Fc ϵ RI α Oligodeoxynucleotides. *Immunol.* 1998;93(4):589-594.

Suppression of Immunoglobulin E-mediated Anaphylactic Reaction by *Hwanglyun-Haedok-Tang* Water Extract. *J Ethnopharmacol.* 1998;61(2):127-134.

Taraxacum officinale Restores Inhibition of Nitric Oxide Production by Cadmium in Mouse Peritoneal Macrophages. *Immunopharmacol Immunotoxicol.* 1998;20(2):283-297.

<1997>

Abnormal Expression of Mouse Mast Cell Protease 5 Gene in Cultured Mast Cells Derived from Mutant Mi/Mi Mice. *Blood.* 1997;90(8):3057-3066.

Abolition of Anaphylactic Shock by *Solanum Lyratum* Thunb. *Int J Immunopharmacol.* 1997;19(11-12):729-734.

Activation of Inducible Nitric Oxide Synthase by Human Choriogonadotropin in RAW 264.7 Cells. *Biochim Biophys Acta.* 1997;1359(1):59-64.

Antianaphylactic Properties of Eugenol. *Pharmacological Research.*

- 1997;36(6):475-486.
- Effect of Cytochalasin D on Systemic and Local Anaphylaxis in a Murine Model. *Pharmacol Res.* 1997;36(2):141-146.
- Effect of *Poncirus trifoliata* on type I hypersensitivity reaction. *Am J Chin Med.* 1997;25(1):51-56.
- Effect of *Siegesbeckia bubescens* on Immediate Hypersensitivity Reaction. *Am J Chin Med.* 1997;25(2):163-167.
- Effect of the Aqueous Extract of *Aquilaria agallocha* Stems on the Immediate Hypersensitivity Reactions. *J Ethnopharmacol.* 1997;58(1):31-38.
- Expression of Mast-cell-specific Proteases in Tissues of Mice Studied by in situ Hybridization. *Am J Pathol.* 1997;150(4):1373-1382.
- Inhibitory Effects of Korean Folk Medicine 'Hi-Chum' on Histamine Release from Mast Cells in vivo and in vitro. *J Ethnopharmacol.* 1997;57(2):73-79.
- Involvement of Transcription Factor Encoded by the Mouse *Mi* Locus (MITF) in Expression of p75 Receptor of Nerve Growth Factor in Cultured Mast Cells of Mice. *Blood.* 1997;90(7):2601-2608.
- Nitric Oxide Released from Swiss 3T3 Fibroblasts Acts as a Cytostatic Agent for Cultured Mast Cells. *Pharmacol.* 1997;55(6):285-291.
- Spirulina Platensis* Inhibits Anaphylactic Reaction. *Life Sci.* 1997;51(13):1237-1244.
- Suppression of Anaphylactic Reaction in Murine by *Siegesbeckia pubescens* Archives. *Pharm Res.* 1997;20(2):122-127.
- Suppression of L-histidine Decarboxylase mRNA Expression by Methyleugenol. *Biochem Biophys Res Commun.* 1997;232(1):188-191.

<1996>

- Acute effect of Qigong training on stress hormonal levels in man. *Ame J Chin Med.* 1996;24(2):193-198.
- Antianaphylactic Activity of *Poncirus Trifoliata* Fruit Extract. *J Ethnopharmacol.* 1996;54(2-3):77-84.
- Effect of Glycyrrhetic Acid on Histamine Synthesis and Release. *Arch Pharm Res.* 1996;19(1):36-40.
- Human Chorionic Gonadotropin Induces Nitric Oxide Synthase mRNA in Mouse Peritoneal Macrophase. *Biochem Biophys Res Commun.* 1996;229(2):548-552.
- Increase of Endothelin-1 in the Spinal Cord of Lewis Rats with Experimental Autoimmune Encephalomyelitis. *Neuroimmunol.* 1996;4:68-69.
- Inhibition of Histamine Synthesis and Release by Glycyrrhetic Acid in Mast Cells Cocultured with Swiss 3T3 Fibroblast. *Int Arch Allergy Immunol.* 1996;110(3):272-277.
- Regulation of Proliferation of Mouse Bone Marrow-derived Mast Cells by Activated Fibroblasts. *Arch Pharm Res.* 1996;19(5):368-373.
- Role of Intracellular Calcium as a Priming Signal for the Induction of Nitric Oxide Synthesis in Murine Peritoneal Macrophages. *Immunol.* 1996;87(2):296-302.

Synergistic Cooperation between Thapsigargin and Phorbol Ester for Induction of Nitric Oxide Synthesis in Murine Peritoneal Macrophages. *Free Radic Biol Med.* 1996;20(6):769-776.

<1995>

Administration of Dehydroepiandrosterone Reverses the Immune Suppression Induced by High dose Antigen in Mice. *Immunol Invest.* 1995;24(4):583-593.

Delayed Cutaneous Hypersensitivity Reactions in Qigong (Chun Do Sun Bup) Trainees by Multitest Cell Mediated Immunity. *Am J Chin Med.* 1995;23(2):139-144.

Down-regulation of TGF- β Gene Expression by Antisense Oligodeoxynucleotides Increases rIFN- γ Induced Nitric Oxide Synthesis in Murine Peritoneal Macrophages. *Immunol.* 1995;85(1):114-118.

Effect of Qigong Training on Proportions of T Lymphocyte Subsets in Human Peripheral Blood. *Am J Chin Med.* 1995;23(1):27-36.

Expression of Protein Kinase C δ Gene in Germ Cells. *J Urol.* 1995;154(3):1237-1240.

Fibronectin Activates Murine Peritoneal Macrophages for Tumor Cell Destruction in the Presence of IFN- γ . *Biochem Biophys Res Commun.* 1995;206(3):969-974.

Intracellular Ca²⁺ Pool Depletion is Linked to the Induction of Nitric Oxide Synthesis in Murine Peritoneal Macrophages. *Biochem Mol Biol Int.* 1995;36(5):949-955.

Involvement of Protein Kinase C during Taxol-induced Activation of Murine Peritoneal Macrophages. *J Immunol.* 1995;154(12):6541-6547.

<1994>

Differential Expression of Protein Kinase C Genes in Cultured Mast Cells Derived from Normal and Mast Cell-Deficient Mice. *Int Arch Allergy Immunol.* 1994;105(3):258-263.

Generation of Nitric Oxide Inhibits Formation of Superoxide in Macrophages During Activation. *Biochem Mol Biol Int.* 1994;34(1):1-8.

Nitric Oxide Inhibits the Expression of Protein Kinase C δ Gene in the Murine Peritoneal Macrophages. *Biochem Biophys Res Commun.* 1994;204(1):105-111.

Phorbol ester synergistically increases interferon- γ -induced nitric oxide synthesis in murine microglial cells. *Neuroimmunomodulation.* 1994;1(6):377-382.

Synergistic Cooperation Between Phorbol Ester and Interferon-Gamma for Induction of Nitric Oxide Synthesis in Murine Peritoneal Macrophages. *J Immunol.* 1994;153(8):3684-3690.

<1993>

Absence of immature mast cells in the skin of Ws/Ws rats with a small deletion

at tyrosine kinase domain of the c-kit gene. Am J Pathol. 1993;142(4):1001-1007.

Delayed expression of a conventional protein kinase C gene in mi/mi mice. J Osaka Med. 1993;45(1):121-127.

Expression of osteopontin messenger RNA by macrophages in atherosclerotic. Am J Pathol. 1993;143(4):1003-1008.

Involvement of Protein Kinase C in the Inhibition of nitric Oxide Production from Murine Microglial Cells by Glucocorticoid. Biochem Biophys Res Commun. 1993;199(2):633-638.

Method for detecting the expression of bone matrix protein by in situ hybridization using decalcified mineralized tissue. Acta Histochem Cytochem. 1993;4(26):303-309.

PKC γ Gene Expression is Delayed Postnatal Central Nervous System of mi/mi Mice. J Mol Neurosci. 1993;4(4):245-253.

Types of neurons that express mRNA of c-kit and its ligand in developing murine. Acta Histochem Cytochem. 1993;26(5):359-364.

<1992>

Localization and developmental expression of a novel protein kinase C δ gene. Brain Res Dev Brain Res. 1992;70(2):239-244.

Spatial expression of encoding c-kit receptors and their ligands in mouse cerebellum. Brain Res Dev Brain Res. 1992;65(1):123-126.

<1991>

Characterization of Ws mutant allele of rats: A 12-base deletion in tyrosine kinase. Blood. 1991;78(8):1942-1946.