

No.	Poster no.	Name	Afiliation	Country	Abstract Title
1	P-001	In Jun Gyo	Korea Ginseng Corporation	Korea, Republic of	Production of 6-Year-Old Ginseng Roots Using the Small Tunnel Shade Facility
2	P-002	Choi Kyu Min	Chungbuk National University	Korea, Republic of	PgHK3-mediated cytokinin signaling promotes secondary root growth and rhizome formation in Panax ginseng
3	P-003	Cheul Muu Sim	Korea Atomic Energy Research Institute	Korea, Republic of	Neutron imaging and electron beam-based methods for improving soil culture and irrigation management of Panax ginseng C.A. Meyer in controlled protection cultivation
4	P-004	Li Xiwen	China Academy Of Chinese Medical Sciences	China	A non-destructive testing method for early detection of ginseng root diseases using machine learning technologies based on leaf hyperspectral reflectance
5	P-005	Ha Minh Le	KyungHee Univerersity	Korea, Republic of	Comparison of Anti-inflammatory Activities and total Ginsenosides derived from Aerial and Root parts of five Hydroponic-Cultured Ginseng Cultivars (Panax ginseng Meyer) in lipopolysaccharide-stimulated RAW264.7 macrophages
6	P-006	Park No june	Korea Institute Of Science And Technology	Korea, Republic of	Downregulation of keratinocyte phagocytosis through inhibition of PAR2 expression of compound K.
7	P-007	Lee Jin woo	Korea Institute Of Science And Technology	Korea, Republic of	Ginsenoside Rg3 epimers differently regulate skin barrier function by mineralocorticoid receptor antagonism
8	P-008	Lee Ra mi	Konkuk University	Korea, Republic of	Ginseng gintonin alleviates neurological symptoms in the G93A-SOD1 transgenic mouse model of amyotrophic lateral sclerosis through lysophosphatidic acid 1 receptor
9	P-009	Lee Ra mi	Konkuk University	Korea, Republic of	Gintonin influences the morphology and motility of adult brain neurons via LPA receptors
10	P-010	Lee Ra mi	Konkuk University	Korea, Republic of	Effects of Gintonin-enriched fraction on the gene expression of six lysophosphatidic receptor subtypes
11	P-011	Lee Ra mi	Konkuk University	Korea, Republic of	Visualization of the binding between gintonin, a Panax ginseng-derived LPA receptor ligand, and the LPA receptor subtypes and transactivation of the EGF receptor
12	P-012	Kwon Ki Woong	Sungkyunkwan University	Korea, Republic of	Protopanaxatriol increases skin barrier and hydration-related molecules in human keratinocytes.
13	P-013	Kwon Ki Woong	Sungkyunkwan University	Korea, Republic of	Through inhibition of the mitogen-activated protein kinase signaling pathway, Panax ginseng-derived fraction BIOGF1K lowers atopc dermatitis responses
14	P-014	Lee Ra mi	Konkuk University	Korea, Republic of	Gintonin facilitates brain delivery of donepezil, a therapeutic drug for Alzheimer disease, through lysophosphatidic acid 1/3 and vascular endothelial growth factor receptors
15	P-015	Li Wei	Jilin Agricultural University	China	AFG from red ginseng antagonizes senescence of N2a cells induced by d-galactose
16	P-016	Kim Minsu	Konkuk University	Korea, Republic of	Korea Red Ginseng Extract increases mitochondrial function in traumatic brain injury via heme oxygenase activation

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18	P-018	Choi Wooram	Sungkyunkwan University	Korea, Republic of	Korean Red Ginseng water extract inhibits cadmium-induced lung injury via suppressing MAPK/ERK1/2/AP-1 pathway
19	P-019	Kwak Yi Seong	The Korean Society of Ginseng	Korea, Republic of	Inhibitory Effect of Ginseng Saponin and Some Natural Herbs on Production of Nitric Oxide and TNF- α in RAW 264.7 Cells
20	P-020	Jeong Seong Won	Kyunghee University	Korea, Republic of	Antidepressant effects of Chikusetsusaponin IV on behavioral change in astrocyte-ablated model by reversing astrocyte loss and neuroinflammation
21	P-021	Jang Jae soon	TheShym Korean Medical Clinic	Korea, Republic of	Antidepressant effects of ginsenoside Rb2 on behavioral change in astrocyte-ablation model of depression by reversing astrocyte loss and anti-inflammation
22	P-022	Min Ji Won	Kyung Hee University	Korea, Republic of	Red ginseng and its constituents ameliorates extrapyramidal symptoms and cognitive impairment induced by typical or atypical antipsychotics
23	P-023	Kim Mi jin	Ewha Womans University	Korea, Republic of	Prolonged ventricular infusion of ginsenosides from transformed Ginseng attenuated morphine dependence in rats
24	P-024	Kim Mi jin	Ewha Womans University	Korea, Republic of	Gintonin regulates inflammation in synoviocytes and carrageenan/kaolin-induced arthritis in rats via lysophosphatidic acid receptor2
25	P-025	Kim Mi jin	Ewha Womans University	Korea, Republic of	Gintonin inhibited the inflammation in synoviocytes and collagen-induced arthritis in mice
26	P-026	KIM SANG BEOM	Kyung Hee University	Korea, Republic of	Antidepressant effect of 20-Glucoginsenoside-Rf in the astrocyte ablation model of depression by reversing glial loss and anti-neuroinflammation
27	P-027	Yeo Ji min	Kyunghee University	Korea, Republic of	Chikusetsusaponin III relieves depressive-like behavior through the restoration of glial loss and neuroinflammation in the prefrontal cortex
28	P-028	Park Keon tae	Kyung Hee University	Korea, Republic of	The effects of panaxcerol D isolated from Panax ginseng on the cognitive dysfunction in mice
29	P-029	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Korean Red Ginseng and Geranium thunbergii Extract inhibit Lipopolysaccharide-Induced Inflammation in In-Vitro
30	P-030	SONG JI HYEON	Sejonguniversity	Korea, Republic of	Korean Red Ginseng suppresses bisphenol A-induced expression of cyclooxygenase-2 and cellular migration of A549 human lung cancer cell through inhibition of reactive oxygen species
31	P-031	SONG JI HYEON	Sejonguniversity	Korea, Republic of	The Effect of Korean Red Ginseng on Bisphenol A-Induced Fatty Acid Composition and Lipid Metabolism-Related Gene Expression Changes
32	P-032	SONG JI HYEON	Sejonguniversity	Korea, Republic of	Comparative transcriptome analysis of the protective effects of Korean Red Ginseng against the influence of bisphenol A in the liver and uterus of ovariectomized mice

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34	P-034	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	Korean red ginseng boosts immune function by activating spleen immune cells
35	P-035	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	Ginsenoside Rb1 prevents osteoarthritis by reducing the expression of inflammatory cytokines
36	P-036	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	Korean red ginseng activates acquired immunity in immunosuppressive rodent model
37	P-037	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	Korean red ginseng and KRG and Cervi parvum cornu combinations induced anti-thrombotic effects on thrombosis induced by ferric chloride
38	P-038	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	The effect of Korean red ginseng and Cervi parvum cornu, on arterial thrombosis induced by ferric chloride in rats
39	P-039	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	Korean red ginseng, Panax ginseng C.A. Meyer, improves NK cell activation on cyclophosphamide-induced in vivo model
40	P-040	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	Korean red ginseng, Panax ginseng C.A. Meyer, improves NK cell activation by up-regulating NKp30, NKp44, and NKp46
41	P-041	Kim Jong Hoon	Chonbuk National University	Korea, Republic of	Korean Red Ginseng ameliorated immune function via CD4+CD8+T Cells and NK Cells on animal model
42	P-042	Park Jin bong	Kyung Hee University	Korea, Republic of	Ginsenoside Rg1 alleviates suppression of neutrophil immune function induced by exposure to mitochondrial damage-associated molecular patterns
43	P-043	Rhee Man Hee	Kyungpook National University	Korea, Republic of	The combination of Korean Red Ginseng and Colla Corii Asini increased hematopoietic activity
44	P-044	Rhee Man Hee	Kyungpook National University	Korea, Republic of	The comparison of protopanaxadiol and protopanaxatriol: efficacy in preventing platelet aggregation
45	P-045	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Red Ginseng Extract inhibits the formation of platelet-neutrophil aggregates
46	P-046	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Anti-oxidative and non-photocytotoxic properties of red ginseng oil
47	P-047	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Ginsenoside Rp3 inhibits platelet aggregation and thrombus formation: via P2Y12 receptor signaling
48	P-048	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Antithrombotic effects of Korean red ginseng and fermented red ginseng extracts

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50	P-050	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Attenuation of ulcerative colitis by Korean Red Ginseng extract and Epimedium Koreanum Nakai
51	P-051	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Therapeutic and prophylactic implications of Rg3-enriched Korean Red ginseng extract and Persicaria Tinctoria in ulcerative colitis
52	P-052	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Mitigation of melanogenesis and enhanced rejuvenation by Korean Red Ginseng
53	P-053	Rhee Man Hee	Kyungpook National University	Korea, Republic of	Anti-inflammatory signal transduction of Rg3-enriched Korean red ginseng extract via retinoid X receptor- α and Peroxisome proliferating receptor- γ
54	P-054	SHI Zeyu	University Of Hong Kong	Hong Kong	Compound K ameliorates primary and metastatic colorectal cancer growth by targeting stemness via a Nur77-PI3K/AKT signaling in hypoxic tumor microenvironment
55	P-055	Choi Woo ram	SungKyunKwan University	Korea, Republic of	The anti-aging role via targeting MEK1/2 by exosome derived from Ginseng
56	P-056	Choi Woo ram	SungKyunKwan University	Korea, Republic of	The anti-oxidative role via autophagy by Syringaresinol derived from Panax ginseng berry
57	P-057	Choi Woo ram	SungKyunKwan University	Korea, Republic of	The anti-inflammatory role of Lymphanax by targeting AKT
58	P-058	Yang Hyun Jeong	University Of Brain Education	Korea, Republic of	Effect of Korea red ginseng on cuprizone-induced demyelination mouse model
59	P-059	Kim Sung Jin	Gachon University	Korea, Republic of	Enhanced Intestinal Immune Response in Mice after Oral Administration of Korea Red Ginseng-Derived Polysaccharide fraction
60	P-060	Park Hwi Do	Gachon University	Korea, Republic of	Ginseng active ingredient ginsenoside improves the delay of wound healing in human umbilical vein endothelial cells and diabetic mice.
61	P-061	CHO IK HYUN	Kyung Hee University	Korea, Republic of	Gintonin, a Panax ginseng-derived LPA receptor ligand, attenuates kainic acid-induced seizures and neuronal cell death in the hippocampus via anti-inflammatory and anti-oxidant activities
62	P-062	CHO IK HYUN	Kyung Hee University	Korea, Republic of	Korean red ginseng extract ameliorates demyelination by inhibiting infiltration and activation of immune cells in cuprizone-administrated mice
63	P-063	CHO IK HYUN	Kyung Hee University	Korea, Republic of	Ginsenoside-Re inhibits experimental autoimmune encephalomyelitis as a mouse model of multiple sclerosis by downregulating TLR4/MyD88/NF- κ B signaling pathways
64	P-064	Jeong Woo Sik	Kyungpook National University	Korea, Republic of	Co-administration of red ginseng and velvet antler extracts prevents skin damage in UVB-irradiated HaCaT keratinocytes and SKH-1 hairless mice

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66	P-066	Kwon Ki Woong	Sungkyunkwan University	Korea, Republic of	Effects of Korean Red Ginseng's non-saponin fraction on gastrointestinal health through activating cyclooxygenase-1
67	P-067	You Long	Sungkyunkwan University	Korea, Republic of	Protopanaxadiol exhibits anti-tumorigenic role on gastric cancer through depleting Src to induce apoptosis and autophagy in vitro
68	P-068	You Long	Sungkyunkwan University	Korea, Republic of	Korean Red Ginseng alleviates inflammation and improves autophagy in aged mice
69	P-069	You Long	Sungkyunkwan University	Korea, Republic of	The improvement effects of protopanaxatriol on human skin protection via stimulating ERBB1 and ERBB2
70	P-070	Ren Hangui	Shanghai Traditional Chinese Medicine University	China	Ginsenoside compound K attenuates cerebral ischemia/reperfusion injury through inducing PINK1/Parkin-mediated mitophagy
71	P-071	Jang Won young	Sungkyunkwan University	Korea, Republic of	Anti-senescence effects of Korean Red Ginseng by shifting the expression of senescence-related genes and immune cell population.
72	P-072	Wang Zi	Jilin Agricultural University	China	Ginsenoside Rg3, a first-line anticancer drug, ameliorates cisplatin-induced intestinal toxicity by regulating mitochondrial dysfunction via PINK1/Parkin mediated autophagy pathway
73	P-073	Kook Wun-A	Sungkyunkwan University	Korea, Republic of	Korean red ginseng attenuates alcohol-induced addictive behaviors via NMDA receptor modulation in mice
74	P-074	Kwon Hyog Young	Soonchunhyang University	Korea, Republic of	Skeletal muscle anti-atrophic effects of ginsenoside Rd
75	P-075	Yi Young Su	Kyonggi University	Korea, Republic of	A New Mechanism of Korean Red Ginseng Saponins for Their Anti-inflammatory Action via Targeting Caspase-11 Non-canonical Inflammasome in Macrophages
76	P-076	Yi Young Su	Kyonggi University	Korea, Republic of	A Novel Anti-inflammatory Role of Korean Red Ginseng via Targeting Caspase-11 Non-canonical Inflammasome in Macrophages
77	P-077	Reyes Bernardo Alisha Wehdnesday	University Of The Philippines Los Baños	Philippines	The beneficial effects of a saponin extract from Panax ginseng, ginsenoside Rg3, as an alternative therapy against intracellular pathogen Brucella abortus 544
78	P-078	Oh Hyun ji	CHA University	Korea, Republic of	Non-saponin fraction of Korean Red Ginseng maintains immune homeostasis in 20-24-month-old C57BL/6 mice
79	P-079	Dou Deqiang	Liaoning University Of Traditional Chinese Medicine	China	The effect of ginseng, red ginseng, black ginseng, and ginseng leaves on brain-gut involved with HPT, HPA, and HPG axes of hyperthyroidism rats
80	P-080	Elena Jovanovski	St. Michael's Hospital	Canada	Efficacy of Rg3-Enriched Korean Red ginseng Extract on Arterial Stiffness and Blood Pressure in Healthy Volunteers

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82	P-082	Choi Wooram	Sungkyunkwan University	Korea, Republic of	In vivo Immuno-promoting Effects of Ginseng Berry Extract
83	P-083	Jang Won Young	Sungkyunkwan University	Korea, Republic of	Panax ginseng-derived fraction BIOGF1K reduces atopic dermatitis responses via suppression of mitogen-activated protein kinase signaling pathway
84	P-084	Kwon Ki Woong	Sungkyunkwan University	Korea, Republic of	Photoaging protective effects of BIOGF1K, a compound-K-rich fraction prepared from Panax ginseng
85	P-085	Kwon Ki Woong	Sungkyunkwan University	Korea, Republic of	The skin protective effects of compound K, a metabolite of ginsenoside Rb1 from Panax ginseng
86	P-086	Lee YoungJoo	Sejong University	Korea, Republic of	Korean Red Ginseng suppresses estrogen-induced inflammatory response in an endometriosis mouse model
87	P-087	Lee YoungJoo	Sejong University	Korea, Republic of	Korean Red Ginseng attenuates Di-(2-ethylhexyl) phthalate-induced inflammatory response in endometrial cancer cells and an endometriosis mouse model
88	P-088	Kang Ki Sung	Gachon University	Korea, Republic of	Dual beneficial effect of fermented black ginseng against gastric cancer and anticancer drug-induced oxidative renal damage
89	P-089	Kwak Yi Seong	The Korean Society of Ginseng	Korea, Republic of	Protective Activity of Non-Saponin Fraction from Red Ginseng (Panax ginseng Meyer) Against TCDD Toxicity
90	P-090	Kwak Yi Seong	The Korean Society of Ginseng	Korea, Republic of	Polysaccharide from Red Ginseng (Panax ginseng Meyer) Prevents Hyperlipdemia and Abdominal Fat Accumulation in Animal Model
91	P-091	Jeong Da Eun	Institute Of Jinan Red Ginseng	Korea, Republic of	Appearance and ginsenoside components of black ginseng (Panax ginseng C.A. Meyer) treated with Cellulosin AL8
92	P-092	Um Yurry	National Institute Of Forest Science	Korea, Republic of	Comparison of Protopanaxadiol and Protopanaxatriol Ratios of Wild-simulated Ginseng by Year and Region Comparison of Protopanaxadiol and Protopanaxatriol Ratios of Wild-simulated Ginseng by Year and Region
93	P-093	Lee Nam Kyu	Sejong University	Korea, Republic of	KRG and its major ginsenosides do not show distinct steroidogenic activities examined by the OECD test guideline 440 and 456 assays.
94	P-094	Dou Deqiang	Liaoning University Of Traditional Chinese Medicine	China	The different chemical profiles between mountainous forest cultivated ginseng and garden ginseng
95	P-095	Jang Won young	Sungkyunkwan University	Korea, Republic of	A review on the possible clinical effects of ginseng and ginsenosides on atopic dermatitis
96	P-096	Cho Byung goo	Mokwon University	Korea, Republic of	Development of non-sponin immunomodulatory substance from Korean Red Ginseng

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97	P-097	Choi Kwang-Tae	Truth & Ginseng Biotechnology Research Co., Ltd.	Korea, Republic of	The New Black Ginseng, Heaven 351, with High Content of Ginsenoside-Rg3, -Rg5 and -Rk1
98	P-098	Shin Myoung-Sook	Gachon University	Korea, Republic of	Signaling Pathways Associated with Macrophage-activating Extracts from Ginseng after Heat Processing
99	P-099	Cho Woo hyeon	Seoul National University	Korea, Republic of	A reference genome of Panax ginseng and its validation
100	P-100	Jang Woo jong	Rural Development Administration	Korea, Republic of	Comparative study on the complex mitochondrial genomes of Panax species
101	P-101	Cho Woo hyeon	Seoul National University	Korea, Republic of	Application and assessment of SNP chip developed for Panax ginseng
102	P-102	Su Hyun Lee	Konkuk University	Korea, Republic of	MUDENG is involved in Gintonin-induced Apoptosis in Human Malignant Melanoma cells