

Supplementary Table 1: Study parameters and suggested mechanism (s) of the included oral administration of herb and their active constituents' studies.

Herb Name	Sample Type	Experimental Outcomes	Proposed Mechanism	References
<i>Angelica gigas</i> Nakai	Ethanollic extract (Dried whole plant)	↓dermatitis severity ↓serum IgE ↓serum IL-6 ↓serum & tissue TNF- α ↓serum histamine ↓MAPKs phosphorylation (ERK, JNK & p38)	Suppression of both Th1 & Th2 cytokines via inhibition of MAPK & NF- κ B signaling pathways	(102)
<i>Artemisia caruifolia</i> Buch. -Ham. ex Roxb.	Ethanollic extract (Dried whole plant)	↓dorsal skin thickness ↓skin lesions ↓ear thickness	Restoration in dorsal skin thickness and restrained edema in ear and skin Analysis on signaling pathway was not performed	(144)
<i>Ribes fasciculatum</i> var. <i>chinense</i> MAX.	Ethanollic extract (Roots)	↓serum IgE	Suppression of serum IgE level Analysis on signaling pathway was not performed	(54)
<i>Sanguisorba officinalis</i> L. (Rosacease)	Ethanollic extract (Roots)	↓mast cell count ↓serum IgE ↓skin eosinophils ↓scratching frequency ↓epidermal thickness	Suppression of mast cell count & IgE level Analysis on signaling pathway was not performed	(146)
<i>Poria cocos</i> F.A. Wolf	Ethanollic extract (Bark)	↓dermatitis severity ↓tissue IL-4 ↑tissue IL-10 (anti-inflammatory) ↓epidermal thickness	Suppression of one Th2 cytokine (IL-4) but enhancement of another Th2 cytokine (IL-10)	(6)

			Analysis on signaling pathway was not performed	
<i>Salvia plebeia</i> R. Br. (Lamiaceae)	Ethanollic extract (Dried whole plant)	↓mast cell count ↓serum IgE ↓skin eosinophils ↓tissue TNF- α , IFN- γ , IL-4, IL-13, IL-31 & Th17 ↓epidermal & dermal thickness ↓serum histamine	Suppression of both Th1 & Th2 cytokines Analysis on signaling pathway was not performed	(20)
<i>Helianthus tuberosus</i> L.	Ethanollic extracts (Tubers)	↓dermatitis severity ↓mast cell count ↓serum IgE, IL-6 ↓tissue TNF- α ↓serum histamine ↓epidermal thickness ↓ICAM-1 and VCAM-1 expression ↑filaggrin expression	Suppression of both Th1 & Th2 cytokines and restoration of skin barrier Analysis on signaling pathway was not performed	(58)
<i>Tabebuia avellanedae</i> Lorentz ex Griseb.	Ethanollic extract (N/A)	↓dermatitis severity ↓serum IgE, IL-4 & IFN- γ ↓tissue mRNA IL-4, IL-5 & IFN- γ No significant changes of IL-12 ↓mRNA IL-4, IL-5, IFN- γ & IL-12 ↓epidermal thickness ↓serum histamine ↓Syk/NF κ B pathway	Suppression of both Th1 & Th2 cytokines via inhibition of NF- κ B signaling pathway	(108)
<i>Artemisia argyi</i> H. Lév. & Vaniot	Ethanollic extract (N/A)	↓skin lesions ↓serum IgE, IL-1 β , IL-4, IL-6 ↓mRNA IL-4, IL-6, IFN- γ , IL-1 β , TNF- α & GM-CSF ↓serum histamine ↓tissue TGF- β 1 expression ↓Lyn, Syk, PI3K/Akt & I κ B α phosphorylation ↓MAPKs phosphorylation (ERK, JNK & p38)	Suppression of both Th1 & Th2 cytokines via inhibition of MAPKs signaling pathway	(34)
<i>Persicaria tinctoria</i> (Aiton) Spach (Naju Jjok)	Distilled water extract	↓dermatitis severity ↓serum IgE ↓mRNA TSLP, IL-4, IFN- γ ↓mRNA IL-6, TNF- α , TARC	Suppression of both Th1 & Th2 cytokines	(35)

	(Dried whole plant)	<p>↓protein IL-4 & IL-6</p> <p>↓serum IL-4</p> <p>↓caspase-1 expression</p> <p>No significant changes in the scratching & serum histamine</p>	Analysis on signaling pathway was not performed	
<i>Angelica dahurica</i> (Hoffm.) Benth. & Hook.f. ex Franch. & Sav.	Distilled water extract (N/A)	<p>↓mast cell count</p> <p>↓serum IgE, IL-6, IL-10 & IL-12</p> <p>↓CD4+ (total T cells)</p> <p>↓number of WBCs,</p> <p>↓mRNA IL-4, IL-6 & TNF-α</p>	<p>Suppression of both Th1 & Th2 cytokines</p> <p>Analysis on signaling pathway was not performed</p>	(69)
<i>Ixeris dentata</i> (Thunb.) Nakai	Distilled water extract (N/A)	<p>↓serum IgE</p> <p>↓MAPKs phosphorylation (ERK, JNK, p38)</p> <p>↓IkBa & NFκB phosphorylation</p>	Inhibition of MAPKs & NF- κ B signaling pathways	(49)
<i>Panax ginseng</i> C.A. Mey.	Distilled water extract (N/A)	<p>↓dermatitis severity</p> <p>↓mast cell count</p> <p>↓serum IgE</p> <p>↓blood eosinophils</p> <p>↓ceramidase (enzyme)</p> <p>↓TSLP, IL-6 & TNF-α, TARC</p> <p>↓epidermal thickness</p> <p>↓MAPKs phosphorylation (ERK, JNK & p38)</p> <p>↑filaggrin levels</p> <p>↓TEWL</p> <p>↑skin hydration</p>	Suppression of both Th1 & Th2 cytokines via inhibition of MAPKs signaling pathway and restoration of skin barrier	(109)
<i>Panax ginseng</i> Meyer	Water extract (Roots)	<p>↓serum IgE, IL-6</p> <p>↓tissue TARC & MDC</p> <p>↓MAPKs phosphorylation (ERK, JNK & p38)</p> <p>↓IkBa & NFκB expression</p>	Suppression of Th2 cytokines via inhibition of MAPKs & NF- κ B signaling pathways	(60)
<i>Polygala tenuifolia</i> Willd.	Distilled water extract (Roots)	<p>↓dermatitis severity</p> <p>↓serum IgE</p> <p>↓mRNA TNF-α & IL-4</p> <p>↓scratching frequency</p> <p>↓serum histamine</p> <p>↓epidermal thickness</p>	<p>Suppression of both Th1 & Th2 cytokines</p> <p>Analysis on signaling pathway was not performed</p>	(126)
<i>Liriope muscari</i> (Decne.) L.H. Bailey	Water extract (Roots)	<p>↓mast cell count</p> <p>↓serum IgE</p> <p>↓epidermal thickness</p>	Suppression of mast cell count & serum IgE level	(72)

		<p>↓ear thickness ↓lymph nodes weight</p>	<p>Analysis on signaling pathway was not performed</p>	
<p><i>Saussurea lappa</i> (Decne.) C.B. Clarke</p>	<p>Methanolic extract (Dried whole plant)</p>	<p>↓mRNA CCR1, IL2Rβ ↓mRNA PI3Kα, IL20Rβ</p>	<p>Suppression of chemokine (CCR1), interleukins (IL2Rβ, IL20Rβ) & enzyme (PI3Kα)</p> <p>Analysis on signaling pathway was not performed</p>	(87)
<p><i>Saussurea lappa</i> (Decne.) C.B. Clarke</p>	<p>Methanolic extract (Dried whole plant)</p>	<p>↓dermatitis severity ↓mast cell count ↓serum IgE ↓plasma TARC ↓epidermal hyperplasia</p>	<p>Suppression of mast cell count, serum IgE & chemokine (TARC)</p> <p>Analysis on signaling pathway was not performed</p>	(86)
<p><i>Dendrobium officinale</i> Kimura & Migo</p>	<p>Ethyl acetate extract (Stems)</p>	<p>↓mast cell count ↓serum IgE ↓epidermal thickness ↓tissue IL-4 ↑tissue IFN-γ No significant changes of IL-6</p>	<p>Suppression of Th2 cytokines and elevation of Th1 cytokines</p> <p>Analysis on signaling pathway was not performed</p>	(137)
<p><i>Patrinia scabiosifolia</i> Link</p>	<p>DMSO extract (Dried whole plant)</p>	<p>↓dermatitis severity ↓serum IgE, AST & ALT ↓tissue IL-4, IL-5, IL-13 ↓eotaxin ↓epidermal atrophy, hypertrophy ↓hyperkeratosis ↑filaggrin expression ↓JNK1, JNK2 & NF-κB phosphorylation</p>	<p>Suppression of Th2 cytokines via inhibition of NF-κB signaling pathway and restoration of skin barrier</p>	(13)
<p>Byakkokakeishito • Gypsum (natural hydrous calcium sulfate)</p>	<p>Mixture (Water extracts)</p>	<p>↓serum IgE ↓ear swelling</p>	<p>Suppression of IgE-mediated triphasic skin reaction</p>	(90)

<ul style="list-style-type: none"> • Rhizome of <i>Anemarrhena asphodeloides</i> Bunge • Bark of the trunk of <i>Cinnamomum verum</i> J. Presl • Seed of <i>Oryza sativa</i> L. • Root and stolon of <i>Glycyrrhiza uralensis</i> Fisch. ex DC. 			Analysis on signaling pathway was not performed	
Qingre-Qushi				
<ul style="list-style-type: none"> • <i>Hedyotis diffusa</i> Willd. • <i>Taraxacum</i> (no specific species was mentioned) • <i>Xanthium sibiricum</i> Patr. ex Widder • <i>Sophora flavescens</i> Aiton 	Mixture (Water extracts)	↓dermatitis severity ↓serum IgE No significant changes in IFN- γ & TNF- α ↓mRNA IL-4 & IL-13 ↓tissue IL-33 & ST2 (its receptor) ↓scratching frequency ↓epidermal thickness	Suppression of Th2 cytokines	(14)
Yu-Ping-Feng-San				
<ul style="list-style-type: none"> • <i>Astragalus mongholicus</i> Bunge • <i>Atractylodes macrocephala</i> Koidz. • <i>Saposhnikovia divaricata</i> (Turcz. Ex Ledeb.) Schischk. 	Mixture (Water extracts)	↓ear swelling ↓serum IgE, IL-4 ↓, IL-5 ↓, IL-13 No significant changes in tissue IFN- γ	Suppression of Th2 cytokines	(148)
Yu-Ping-Feng-San				
<ul style="list-style-type: none"> • <i>Astragalus mongholicus</i> Bunge • <i>Atractylodes macrocephala</i> Koidz. 	Mixture (Water extracts)	↓tissue IL-4, IL-5, IL-9, IL-13 ↓protein & mRNA TSLP & IL-33 ↓ear swelling	Suppression of Th2 cytokines	(138)

<ul style="list-style-type: none"> • <i>Saposhnikovia divaricata</i> (Turcz. ex Ledeb.) Schischk. 				
Pentaherbs				
<ul style="list-style-type: none"> • <i>Lonicera japonica</i> Thunb. • <i>Mentha canadensis</i> L. • <i>Paeonia suffruticosa</i> Andrews • <i>Atractylodes lancea</i> (Thunb.) DC. • <i>Phellodendron amurense</i> Rupr. 	Mixture (Water extracts)	↓mast cell count ↓serum IgE ↓skin eosinophils ↓serum IL-4 ↓, IL-5 ↓, IL-12 ↓epidermal thickness	Suppression both Th1 & Th2 cytokines Analysis on signaling pathway was not performed	(131)
Hataedock				
<ul style="list-style-type: none"> • <i>Glycine max</i> (L.) Merr. • <i>Artemisia caruifolia</i> Buch.-Ham. ex Roxb. • <i>Morus alba</i> L. 	Mixture (Water extracts)	↓dermatitis severity ↓epidermal thickness ↑levels of filaggrin, involucrin & loricrin ↓papillary dermal edema	Restoration in lipid barrier formation and epidermal structures & suppression of epidermal inflammation Analysis on signaling pathway was not performed	(64)
Hataedock				
<ul style="list-style-type: none"> • <i>Coptis japonica</i> (Thunb.) Makino, • <i>Glycyrrhiza uralensis</i> Fisch. ex DC. 	Mixture (Water extracts)	↓dermatitis severity ↓angiogenesis ↓epithelial hyperplasia ↑filaggrin ↑liver X factor (LXR) ↓protein kinase C (PKC) ↓FcεRI, Substance P, Matrix metalloproteinases (MMP)-9 & 5- hydroxytryptamine (HT) ↓tissue IL-4, IL-13, STAT-6 & CD40+ ↓NFκB p65, p-IκB & iNOS	Suppression of Th2 cytokines via inhibition of NF-κB signaling pathway and restoration of skin barrier	(12)
Hataedock	Mixture	↓dermatitis severity ↓protein kinase C (PKC)	Suppression of Th2 cytokines and	(11)

<ul style="list-style-type: none"> • <i>Coptis chinensis</i> Franch. • <i>Glycyrrhiza uralensis</i> Fisch. ex DC. 	(Water extracts)	↑liver X factor (LXR) ↓MMP & Substance P ↓tissue IL-4 ↓mast cell degranulation ↓epidermal hyperplasia ↓tissue TNF- α , p-I κ B, iNOS & COX-2	restoration of skin barrier	
Soshiho-tang				
<ul style="list-style-type: none"> • <i>Bupleurum falcatum</i> Linne • <i>Pinellia ternate</i> Breitenbach • <i>Zingiber officinale</i> Roscoe • <i>Scutellaria baicalensis</i> Georgi • <i>Panax ginseng</i> C.A. Meyer • <i>Glycyrrhiza uralensis</i> Fischer • <i>Zizyphus jujube inermis</i> Rehder 	Mixture (Distilled water extracts)	↓serum IgE, ↓serum IL-4 ↓tissue TNF- α , IL-1 β & IL-6 ↓epidermal & dermal thickness ↓ICAM-1 & NF κ B expressions	Suppression of both Th1 & Th2 cytokines via inhibition of NF- κ B signaling pathway	(79)
Gamisasangja-tang				
<ul style="list-style-type: none"> • <i>Stemona sessilifolia</i> (Miq.) Miq. • <i>Spirodela polyrhiza</i> (L.) Schleid. • <i>Cnidium monnieri</i> (L.) Cusson • <i>Sophora flavescens</i> Aiton • <i>Angelica gigas</i> Nakai • <i>Clematis terniflora</i> var. <i>mandshurica</i> (Rupr.) Ohwi 	Mixture (Distilled water extracts)	↓dermatitis severity ↓hyperkeratosis & hemorrhage ↓mast cell count ↓plasma IgE ↓total leukocytes ↓tissue IL-31, IL-4, IL-5, IL-13 ↓plasma eotaxin & TARC	Suppression of Th2 cytokines Analysis on signaling pathway was not performed	(106)

SSC201					
<ul style="list-style-type: none"> • <i>Stemona japonica</i> (Blume) Miq. • <i>Spirodela polyrhiza</i> (L.) Schleid. • <i>Cnidium monnieri</i> (L.) Cusson 	Mixture (Distilled water extracts)	<ul style="list-style-type: none"> ↓dermatitis severity ↓mast cell count ↓serum IgE ↓blood eosinophils ↓serum eotaxin & TARC ↓tissue IL-4, IL-5 & IL-13 No significant changes of IFN-γ ↓CD4+ & CCR3+ ↓scratching frequency ↓epidermal & dermal thickness 	<ul style="list-style-type: none"> Suppression of Th2 cytokines Analysis on signaling pathway was not performed 	(105)	
CP001					
<ul style="list-style-type: none"> • <i>Houttuynia cordata</i> Thunb • <i>Rehmannia glutinosa</i> (Gaertn.) DC. • <i>Betula platyphylla</i> var. <i>japonica</i> • <i>Rubus coreanus</i> Miq. 	Mixture (Ethanollic extracts)	<ul style="list-style-type: none"> ↓mast cell count ↓serum IgE ↓mRNA IL-4 & IL-13 	<ul style="list-style-type: none"> Suppression of Th2 cytokines Analysis on signaling pathway was not performed 	(66)	
Huang-Lian-Jie-Du					
<ul style="list-style-type: none"> • <i>Coptis chinensis</i> Franch. • <i>Scutellaria baicalensis</i> Georgi • <i>Phellodendron chinense</i> C.K. Schneid. • <i>Gardenia jasminoides</i> J. Ellis 	Mixture (Ethanollic extracts)	<ul style="list-style-type: none"> ↓dermatitis severity ↓mast cell count ↓serum IgE, IL-4, TNF-α & TSLP ↓epidermal thickness ↓serum histamine ↓MAPKs phosphorylation (p38, JNK and ERK1/2) 	<ul style="list-style-type: none"> Suppression of both Th1 & Th2 cytokines via inhibition of MAPKs & NF-κB signaling pathways 	(15)	
Sanpaocao					
<ul style="list-style-type: none"> • <i>Cardiospermum halicacabum</i> L. • <i>Physalis angulata</i> L. • <i>Ludwigia adscendens</i> (L.) H. Hara 	Mixture (Ethanollic extracts)	<ul style="list-style-type: none"> ↓serum IgE ↓ear swelling & thickening 	<ul style="list-style-type: none"> Suppression of serum IgE level Analysis on signaling pathway was not performed 	(121)	

BuShenYiQi				
<ul style="list-style-type: none"> • <i>Astragalus mongholicus</i> Bunge • <i>Epimedium sagittatum</i> (Siebold & Zucc.) Maxim • <i>Rehmannia glutinosa</i> (Gaertn.) DC. 	Mixture (N/A)	<ul style="list-style-type: none"> ↓dermatitis severity ↓mast cell count ↓serum IgE, IL-4 & IL-5 ↑serum IFN-γ ↓epidermal and dermal thickness ↓lymphocyte count ↓serum ACTH (hormone) & corticosterone 	<ul style="list-style-type: none"> Suppression of Th2 cytokines and Elevation of Th1 cytokine Analysis on signaling pathway was not performed 	(68)
Yupingfeng				
<ul style="list-style-type: none"> • <i>Astragalus mongholicus</i> Bunge • <i>Atractylodes macrocephala</i> Koidz. • <i>Saposhnikovia divaricata</i> (Turcz. ex Ledeb.) Schischk. 	Mixture (N/A)	<ul style="list-style-type: none"> ↓EASI (dermatitis severity) ↓epidermal thickness ↓TEWL ↓ protein AQP3 	<ul style="list-style-type: none"> Acceleration of wound healing and restoration of skin barrier via down regulation of AQP3 (membrane transporter) Analysis on signaling pathway was not performed 	(147)
PTQX				
<ul style="list-style-type: none"> • <i>Atractylodes macrocephala</i> Koidz. • <i>Pseudostellaria heterophylla</i> (Miq.) Pax • <i>Dioscorea oppositifolia</i> L. • <i>Coix lacryma-jobi</i> var. <i>mayuen</i> (Rom.Caill.) Stapf • <i>Imperata cylindrica</i> (L.) P. Beauv. • <i>Forsythia suspensa</i> (Thunb.) Vahl 	Mixture (N/A)	<ul style="list-style-type: none"> ↓dermatitis severity ↓ear thickness ↓mast cell count ↓serum IgE ↓epidermal thickness ↓scratching frequency ↓CD4+ proliferation 	<ul style="list-style-type: none"> Suppression of mast cell count & serum IgE level Analysis on signaling pathway was not performed 	(139)

- *Dictamnus dasycarpus* Turcz.
- Margarita, 0.3g (no specific species)
- *Glycyrrhiza glabra* L.

Taeumjowi-tang

- *Coix lacryma-jobi* var. *mayuen* (Rom.Caill.) Stapf
- *Castanea crenata* Siebold & Zucc.
- *Raphanus raphanistrum* subsp. *sativus* (L.) Domin
- *Schisandra chinensis* (Turcz.) Baill.
- *Platycodon grandiflorus* (Jacq.) A. DC.
- *Acorus gramineus* Aiton
- *Ephedra sinica* Stapf
- *Liriope muscari* (Decne.) L.H. Bailey

Mixture (N/A)

↓dermatitis severity
 ↓mast cell count
 ↓serum IgE
 ↓tissue eosinophils
 ↓tissue IL-4, TNF- α , IL-6
 ↓mRNA IL-4, IL-6 & TNF- α
 ↓scratching frequency
 ↓NF- κ B & MAPKs phosphorylation (ERK, JNK & p38)

Suppression of both Th1 & Th2 cytokines via inhibition of NF- κ B & MAPKs signaling pathways

(107)

Jianpi Chushi

- *Poria cocos* F.A. Wolf
- *Dioscorea oppositifolia* L.
- *Dictamnus dasycarpus* Turcz.

Mixture (N/A)

↓serum IL-4
 ↑serum IL-2
 ↓CD4+ count
 ↓ear thickness & weight

Suppression of Th2 cytokine and elevation of Th1 cytokine

Analysis on signaling pathway was not performed

(133)

- *Zaocys dhumnade* (no information in Kewscience)
- *Atractylodes lancea* (Thunb.) DC.
- *Citrus aurantium* L.
- *Scutellaria baicalensis* Georgi
- *Sophora flavescens* Aiton
- *Paeonia lactiflora* Pall.
- *Glycyrrhiza glabra* L.

<i>Astragalus mongholicus</i> Bunge	Calycosin (isolated compound)	↓mRNA IL-33 & TSLP ↓tissue IL-33 & TSLP ↓NFκB expression ↑occludin & ZO-1 protein	Suppression of TSLP/IL-33 via inhibition of NF-κB signaling pathway	(129)
<i>Rheum officinale</i> Baill.	Phycion (isolated compound)	↓dermatitis severity ↓mast cell count ↓serum IgE ↓serum TSLP, IL-4, IL-6 & TNF-α ↓protein & mRNA TSLP, IL-4 & IL-6	Suppression of both Th1 & Th2 cytokines Analysis on signaling pathway was not performed	(96)
<i>Rumex crispus</i> L.	Chrysophanol (isolated compound)	↓dermatitis severity ↓mast cell count ↓serum IgE ↓blood eosinophil ↓serum TSLP, IL-4, IL-6, IL-13 & TNF-α ↑serum IFN-γ ↓epidermal thickness ↓serum histamine ↓scratching duration	Suppression of Th2 cytokines and elevation of Th1 cytokines Analysis on signaling pathway was not performed	(37)
<i>Saposhnikovia divaricata</i> (Turcz. ex Ledeb.) Schischk.	Cimifugin (isolated compound)	↓ear thickness ↓mRNA & protein TSLP, IL-4, IL-5, IL-9 & IL-13 & IL-33 No significant changes of IFN-γ ↑CLDN1, CLDN-1 & occludin proteins	Suppression of Th2 cytokines Analysis on signaling pathway was not performed	(135)

<i>Fraxinus chinensis</i> subsp. <i>rhynchophylla</i> (Hance) A.E. Murray	Esculetin (isolated compound)	<ul style="list-style-type: none"> ↓mast cell count ↓serum IgE ↓tissue eosinophil ↓TNF-α, IFN-γ, IL-4, IL-13, ↓IL-31, IL-17A ↓epidermal & dermal thickness ↓serum histamine ↓scratching frequency 	<p>Suppression of both Th1 & Th2 cytokines</p> <p>Analysis on signaling pathway was not performed</p>	(50)
<i>Paeonia</i> \times <i>suffruticosa</i> Andrews	Paeonol (isolated compound)	<ul style="list-style-type: none"> ↓dermatitis severity ↓mast cell count ↓serum IgE ↓tissue IL-4 & IFN-γ ↓serum IL-4 ↓mRNA & protein IL-4, IL-13 ↓scratching frequency ↓serum histamine ↓epidermal thickness ↓MAPKs phosphorylation (p38 & ERK) 	<p>Suppression of both Th1 & Th2 cytokines via inhibition of MAPKs signaling pathway</p>	(94)
<i>Panax ginseng</i> C.A. Mey.	Gintonin (isolated compound)	<ul style="list-style-type: none"> ↓dermatitis severity ↓ear thickness ↓mast cell count ↓serum IgE, IL-4, IFN-γ ↓skin eosinophil ↓serum histamine ↓serum autotaxin ↓epidermal thickness 	<p>Suppression of both Th1 & Th2 cytokines</p> <p>Analysis on signaling pathway was not performed</p>	(75)
<i>Persicaria tinctoria</i> (Aiton) Spach	Tryptanthrin (isolated compound)	<ul style="list-style-type: none"> ↓dermatitis severity ↓serum IgE ↓mRNA TSLP, IL-4, IFN-γ, IL-6, TNF-a & TARC ↓protein IL-4 & IL-6 ↓serum IL-4 ↓scratching frequency ↓epidermal thickness ↓serum histamine 	<p>Suppression of both Th1 & Th2 cytokines</p> <p>Analysis on signaling pathway was not performed</p>	(36)
<i>Nigella sativa</i> L.	Thymoquinone (isolated oil)	<ul style="list-style-type: none"> ↓ear clinical score (dermatitis severity) ↓ear thickness & weight ↓total leukocyte count ↓serum IgE ↓mRNA IL-4, IL-5 & IFN-γ 	<p>Suppression of both Th1 & Th2 cytokines</p>	(5)

Analysis on
signalling pathway
was not performed

N/A: Part of the plant or type of extract was not mentioned

