Table SI. Search strategy. IL: interleukin

Search Topic	Search terms: 14-10-2016 Medline	Search terms: 14-10-2016 EMBASE	Search terms: 14-10-2016 Cochrane Library	Search terms: 14-10-2016 Web of Science
Search A: Interleukin 1α Interleukin 1RA	*MeSH terms:* #1 exp Interleukin 1alpha/ #2 exp Interleukin 1 Receptor Antagonist Protein/ *In free text (In title .ti or abstract .ab or keywords .kf):* #3 ((interleukin? adj2 1 alpha) OR (interleukin? adj2 1alpha) OR (interleukin? adj2 1 a) OR (interleukin? adj2 1a) OR (interleukin? adj2 1 receptor antagonist) OR (interleukin? adj2 1receptor antagonist) OR (interleukin? adj2 1 RA) OR (interleukin? adj2 1RA) OR (IL? 1 alpha) OR (IL? 1alpha) OR (IL? 1 a) OR (IL? 1a) OR (IL? 1 receptor antagonist) OR (IL? 1receptor antagonist) OR (IL? 1 RA) OR (IL? 1RA)).ti,ab #4 3.kf *#1 OR #2 OR #3 OR #4* *Citations: 19.797*	*MeSH terms:* #1 exp Interleukin 1alpha/ #2 exp Interleukin 1 Receptor Antagonist Protein/ *In free text (In title .ti or abstract .ab or keywords .kw):* #3 ((interleukin? adj2 1 alpha) OR (interleukin? adj2 1alpha) OR (interleukin? adj2 1 a) OR (interleukin? adj2 1a) OR (interleukin? adj2 1 receptor antagonist) OR (interleukin? adj2 1receptor antagonist) OR (interleukin? adj2 1 RA) OR (interleukin? adj2 1RA) OR (IL? 1 alpha) OR (IL? 1alpha) OR (IL? 1 a) OR (IL? 1a) OR (IL? 1 receptor antagonist) OR (IL? 1receptor antagonist) OR (IL? 1 RA) OR (IL? 1RA)).ti,ab #4 3.kw *#1 OR #2 OR #3 OR #4* *Citations: 31.580*	*MeSH terms:* #1 Interleukin-1 alpha (explode all trees) #2 Interleukin 1 Receptor Antagonist Protein (explode all trees) *In free text (In title .ti or abstract .ab or keywords .kw):* #3 ((interleukin* near/2 ("1 alpha")) OR (interleukin* near/2 1alpha) OR (interleukin* near/2 ("1 a")) OR (interleukin* near/2 1a) OR (interleukin* near/2 ("1 receptor antagonist")) OR (interleukin* near/2 ("1receptor antagonist")) OR (interleukin* near/2 ("1 RA")) OR (interleukin* near/2 1RA) OR (IL* next "1 alpha") OR (IL* next 1alpha) OR (IL* next "1 a") OR (IL* next 1a) OR (IL* next "1 receptor antagonist") OR (IL* next "1receptor antagonist") OR (IL* next "1 RA") OR (IL* next 1RA)):ti,ab,kw *#1 OR #2 OR #3* *Citations: 750*	*In free text (Topic)* #1 (interleukin$ near/2 ("1 alpha")) OR (interleukin$ near/2 1alpha) OR (interleukin$ near/2 ("1 a")) OR (interleukin$ near/2 1a) OR (interleukin$ near/2 ("1 receptor antagonist")) OR (interleukin$ near/2 ("1receptor antagonist")) OR (interleukin$ near/2 ("1 RA")) OR (interleukin$ near/2 1RA) OR ("IL 1 alpha") OR ("IL 1alpha") OR ("IL 1 a") OR ("IL 1a") OR ("IL 1 receptor antagonist") OR ("IL 1receptor antagonist") OR ("IL 1 RA") OR ("IL 1RA") *Citations: 21.092*
Search B: Skin	*MeSH terms:* #1 exp Skin/ #2 exp Dermatology/ #3 exp Skin disease/ *In free text (title or abstract or keywords):* #4 ((skin) OR (epidermis) OR (dermis) OR (stratum corneum) OR (dermatology) OR (cutis) OR (derma)).ti,ab #5 4.kf *#1 OR #2 OR #3 OR #4 OR #5* *Citations: 1.290.177*	*MeSH terms:* #1 exp Skin/ #2 exp Dermatology/ #3 exp Skin disease/ *In free text (title or abstract or keywords):* #4 ((skin) OR (epidermis) OR (dermis) OR (stratum corneum) OR (dermatology) OR (cutis) OR (derma)).ti,ab #5 4.kw *#1 OR #2 OR #3 OR #4 OR #5* *Citations: 1.864.864*	*MeSH term:* #1 Skin (explode all trees) #2 Dermatology (explode all trees) #3 Skin Diseases (explode all trees) *In free text (title or abstract or keywords):* #4 ((skin) OR (epidermis) OR (dermis) OR (stratum corneum) OR (dermatology) OR (cutis) OR (derma)):ti,ab,kw #1 OR #2 OR #3 #4 *Citations: 52.844*	*In free text (Topic)* skin OR epidermis OR dermis OR stratum corneum OR dermatology OR cutis OR derma *Citations: 499.914*
Search C: Humans	*MeSH terms:* #1 exp Human/ *In free text (title or abstract or keywords):* #2 ((human*) OR (volunteer*) OR (participant*) OR (subject*) OR (patient*)).ti,ab #3 2.kf *#1 OR #2 OR #3* *Citations: 17.734.877*	*MeSH term:* #1 exp Human/ *In free text (title or abstract or keywords):* #2 ((human*) OR (volunteer*) OR (participant*) OR (subject*) OR (patient*)).ti,ab #3 2.kw *#1 OR #2 OR #3* *Citations: 19.617.203*	*MeSH term:* #1 Humans (explode all trees) *In free text (title or abstract or keywords):* #2 ((human*) OR (volunteer*) OR (participant*) OR (subject*) OR (patient*)):ti,ab,kw *#1 OR #2* *Citations: 841.915*	*In free text (Topic)* human* OR volunteer* OR participant* OR subject* OR patient* *Citations: 8.246.716*
Crossed searches:	Search A AND Search B AND Search C *Limits: English* *Citations: 1.675*	Search A AND Search B AND Search C *Limits: English* *Citations: 3.813*	Search A AND Search B AND Search C *No limits* *Citations: 56*	Search A AND Search B AND Search C *Limits: English* *Citations: 1.054*