

We Claim,

1. A lectin protein for use in the treatment or prevention of an inflammation-inflammatory disease, in a subject in need thereof, wherein the lectin protein is recombinant lectin and is derived from *Sclerotium rolfsii*; wherein the lectin protein comprises an amino acid sequence selected from the group consisting of SEQ ID NO. 2, SEQ ID NO. 3 and SEQ ID NO. 4.
2. ~~The lectin protein for use as claimed in claim 1, wherein the lectin protein comprises an amino acid sequence having at least 60% homology to SEQ ID NO. 1.~~
3. ~~The lectin protein for use as claim in claim 1 or 2, wherein the lectin protein comprises an amino acid sequence having at least 60% homology to SEQ ID NO: 2, 3, or 4.~~
4. ~~The lectin protein for use as claimed in claim 2, wherein the lectin protein comprises an amino acid sequence selected from the group consisting of SEQ ID NO. 2, SEQ ID NO. 3 or SEQ ID NO. 4.~~
5. ~~The lectin protein for use as claimed in any preceding claim, wherein the lectin protein is recombinant.~~
6. ~~The lectin protein for use as claimed in any one of claims 2 to 4, wherein the amino acid sequence has at least 70%, 80%, 90%, 95%, 96%, 97%, 98% or 99% homology to SEQ ID NO. 1.~~
7. ~~2.~~ The lectin protein for use as claimed in ~~any preceding~~ claim 1, wherein the lectin protein is capable of a) inhibiting the secretion of inflammatory cytokines; and/or b) :
8. ~~The lectin protein for use as claimed in any preceding claim, wherein the lectin protein is capable of reducing C-reactive protein (CRP) levels in blood; and/or :~~
9. ~~The lectin protein for use as claimed in any preceding claim, wherein the lectin protein is capable of c) stimulating ACP activity and/or collagen levels.~~
10. ~~3.~~ The lectin protein for use as claimed in ~~any preceding~~ claim 1, wherein the ~~subject has inflammatory disease is~~ a chronic inflammatory disease.
11. ~~4.~~ The lectin protein for use as claimed in claim ~~93~~, wherein the chronic inflammatory disease is psoriasis, psoriatic arthritis, rheumatoid arthritis (RA), hepatitis, asthma, inflammatory bowel disease ~~(including crohn's disease, colitis and irritable bowel syndrome (IBS))~~, temporal arteritis, atopic dermatitis, systemic lupus, multiple sclerosis or sarcoidosis.
12. ~~5.~~ The lectin protein for use as claimed in claim ~~103~~, wherein the chronic inflammatory disease is rheumatoid arthritis (RA).
13. ~~6.~~ The lectin protein for use as claimed in one of claims 1 to ~~85~~, wherein the inflammatory disease is subject has an acute inflammation.
14. ~~7.~~ The lectin protein for use as claimed in claim ~~126~~, wherein the acute inflammation is caused by an allergic reaction, an infection or trauma.

- ~~15. The lectin protein for use as claimed in any preceding claim, wherein said treatment comprises curing the inflammation or the chronic inflammatory disease, or reducing symptoms associated with the inflammation.~~
- ~~16. The lectin protein for use as claimed in any preceding claim, wherein said prevention comprises preventing the onset of the inflammation, or preventing or slowing the progression of the chronic inflammatory disease.~~
- ~~17. The lectin protein for use as claimed in any preceding claim, wherein said treatment or prevention comprises administering the lectin protein at a dose of 1 to 50 mg/kg.~~
- ~~18. 8.~~ A pharmaceutical composition comprising a lectin protein and a pharmaceutically acceptable diluent or excipient for use in :
- ~~19. Use of lectin protein in the preparation of pharmaceutical composition claimed in claim 18 for the treatment or prevention of inflammatory diseases~~ion ~~in a subject; wherein the lectin protein is recombinant lectin and is derived from *Scelrotium rolfsii* lectin, wherein the lectin protein comprises an amino acid sequence selected from the group consisting of SEQ ID NO. 2, SEQ ID NO. 3 or SEQ ID NO. 4.~~
- ~~20. 9.~~ The pharmaceutical composition for use as claimed in claim ~~198~~, wherein the ~~inflammation is an~~ inflammatory disease is a chronic inflammatory disease.
- ~~21. 10.~~ The pharmaceutical composition for use as claimed in claim ~~208~~, wherein the inflammatory disease is arthritis.
- ~~22. The use as claimed in one of claims 19 to 21, wherein the lectin protein is a recombinant lectin.~~
- ~~23. 11.~~ The pharmaceutical composition for use as claimed in one of claims ~~19-8~~ to ~~22.10~~, wherein the lectin protein is to be administered at a dose of 1 to 50 mg/kg.
12. The lectin protein for use as claimed in claim 4, wherein the inflammatory bowel disease is crohn's disease, colitis or irritable bowel syndrome (IBS).