CLAIMS

1. A composition comprising at least one protein extract of hibiscus and at least one beta glucan or a salt thereof.
2. The composition according to claim 1, wherein said hibiscus is Hibiscus esculentus.
3. The composition according to claim 1 or 2, wherein said protein extract derives from the seeds of said hibiscus.
4. The composition according to claim 3, wherein said seeds are delipidated.
5. The composition according to any one of claims 1-4, wherein said protein extract is at least a protein fraction, preferably a soluble protein fraction.
6. The composition according to any one of claims 1-5, wherein said protein extract or said protein fraction is a protein hydrolysate.
7. The composition according to claim 6, wherein said hydrolysate is obtainable by enzymatic hydrolysis, chemical hydrolysis or biotransformation of said protein extract or said protein fraction.
8. The composition according to claim 6 or 7, wherein said hydrolysate is a mixture of oligopeptides.
9. The composition according to any one of claims 6 to 8, wherein said hydrolysate is in a mixture with a binder, preferably with a dextrin.
10. The composition according to claim 9, wherein said hydrolysate is Myoxinol™.
11. The composition according to any one of claims

1-10, wherein said protein extract of hibiscus is present in a concentration that ranges between 0.1 and 10%; it preferably ranges between 0.4 and 5%.

12. The composition according to any one of claims 1-11, wherein said at least one beta glucan is carboxymethyl-beta glucan or a salt thereof; preferably it is sodium carboxymethyl-beta glucan.

13. The composition according to claim 12, wherein said beta glucan is present in a concentration that ranges between 0.004 and 0.4%; it preferably ranges between 0.02 and 0.08%.

14. The composition according to any one of claims 1-13, wherein the ratio between said at least one protein extract and said at least one beta glucan is 50-10: 1, preferably 35-20: 1.

15. The composition according to any one of claims 1-14, characterized by a pH ranging between 5 and 8, preferably between 5.5 and 6.5.

16. The composition according to any one of claims 1-15, characterized by a viscosity ranging between 5000 and 30000 mPas, preferably between 7000 and 25000 mPas.

17. The composition according to any one of claims 1-16, further comprising at least one excipient acceptable for pharmaceutical use or for cosmetic use.

18. The composition according to claim 17, wherein said excipient is at least one conditioning agent, preferably a moisturizing, occlusive or emollient conditioning agent for the skin or hair.

19. The composition according to claim 17 or 18,

wherein said excipient or said conditioning agent is selected in the group consisting in: dimethicone or dimethyl polysiloxane, preferably linear, glycerine, almond oil (preferably Prunus *amygdalus dulcis* oil), phenyl trimethicone, borage oil (preferably oil from the seeds of Borago *officinalis*), malva extract and/or mucilage, preferably mucilage of Malva *sylvetris*, panthenol, extract of calendula, preferably of Calendula *officinalis*, ethylhexylglycerin, caprylyl glycol, aspartic acid, maltodextrins and glyceryl stearate.

20. The composition according to claim 18 or 19, wherein the concentration of said conditioning agent ranges between 15 and 35%, preferably between 20 and 25%.

21. The composition according to claim 17, wherein said excipient is additionally a surfactant, preferably an emulsifying and/or cleaning surfactant.

22. The composition according to claim 21, wherein the concentration of said surfactant ranges between 1 and 3%; more preferably it ranges between 1.2 and 2%.

23. The composition according to claim 21 or 22, wherein said surfactant is selected in the group consisting in: cetyl alcohol, cetyl(20)OE or ceteth-20, stearyl(20)OE or steareth-20 and PEG-75 stearate.

24. The composition according to claim 17, wherein said excipient is additionally a preservative, preferably phenoxyethanol; or else said excipient

is additionally an antioxidant, preferably tocopherol and/or a liquorice (glycyrrhiza glabra) dry extract; or else said excipient is additionally a binder, preferably a dextrin; or else said excipient can be a stabilizing agent, preferably an emulsifying stabilizing agent, more preferably a cross-linked acrylic copolymer; or else said excipient can be a chelating agent, preferably trisodium ethylenediamine disuccinate.

25. The composition according to claim 24, wherein the concentration of said preservative ranges between 0.3 and 1.5%, preferably between 0.5 and 1%; the concentration of said antioxidant ranges between 0.1 and 1%, preferably between 0.2 and 0.6%; the concentration of said binder ranges between 0.5 and 2%, preferably between 0.75 and 1.5%; the concentration of said chelating agent ranges between 0.01 and 0.08%, preferably between 0.02 and 0.06%; and the concentration of said stabilizing agent ranges between 0.15 and 0.6%, preferably between 0.2 and 0.4%.

26. The composition according to any one of claims 1-25, wherein the solvent is water or 1,2-hexanediol.

27. The composition according to any one of claims 1-26, formulated as a cream, gel cream, gel, oil, emulsion, gel emulsion (emulgel), ointment, spray, suppository or stick.

28. A composition comprising the combination of at least one extract of hibiscus and at least one beta glucan or a salt thereof according to any one of

claims 1-27, for use as a medicament.

29. A composition comprising at least one extract of hibiscus and/or at least one beta glucan or a salt thereof according to any one of claims 1-28, for use in the treatment of anal rhagades.

30. The composition according to claim 29, wherein the anal rhagades are of an acute and/or chronic type, preferably of an acute type.

31. The composition according to claim 29 or 30, for use in the treatment of anal rhagades via topical administration, at least once a day, more preferably at least twice a day, for a period of at least one week, more preferably for at least twenty days.

32. The composition according to any one of claims 29-31, in association with a method and/or protocol for treating anal rhagades, preferably with a method and/or protocol that uses an anal dilator.

33. A method for producing a composition according to any one of claims 1-28 comprising the following steps:

(i) melting the conditioning agents, preferably the occlusive and/or emollient conditioning agents, and/or the surfactants, preferably the emulsifying and/or cleaning surfactants, at a temperature that ranges between 70 and 90°C; more preferably it ranges between 75 and 80°C;

(ii) mixing the solvent, the conditioning agents, preferably moisturizing ones, the chelating agents and/or the stabilizing emulsifying agents with the raw materials melted according to step (i);

(iii) adding at least one hibiscus extract to the mixture according to step (ii);

(iv) adding at least one beta glucan to the mixture according to step (iii).

34. The method according to claim 33, wherein said extract of hibiscus according to step (iii) is solubilized in water, preferably in purified water, at a temperature that ranges between 40 and 60°C, preferably it ranges between 50 and 55°C.

35. The method according to claim 33 or 34, wherein said at least one beta glucan according to step (iv) is added as a 1-5% solution, preferably a 1.5-2.5% solution, at a temperature that ranges between 35 and 45°C, preferably between 32 and 37°C.

36. A kit comprising a composition according to any one of claims 1-28, comprising at least one dispenser, preferably single-use, containing said composition preferably in a pre-dosed amount.

37. The kit according to claim 36, comprising at least 20 dispensers.

38. The kit according to claim 36 or 37, wherein said at least one dispenser is provided with an applicator which is incorporated in said dispenser.

CLAIMS

1. A composition comprising at least one protein extract of hibiscus and at least one beta glucan or a salt thereof for use as a medicament.

2. A composition comprising at least one protein extract of hibiscus or at least one carboxymethyl-beta glucan or a salt thereof for use as a medicament.

3. The composition for use according to claim 1 or 2 for use in the treatment of anal rhagades.

4. The composition for use according to claim 3, wherein the anal rhagades are of an acute and/or chronic type, preferably of an acute type.

5. The composition for use according to any one of claims 1-4 in association with a method and/or protocol for treating anal rhagades, preferably with a method and/or protocol that uses an anal dilator.

6. The composition for use according to any one of claims 1-5, wherein said hibiscus is Hibiscus esculentus.

7. The composition for use according to any one of claims 1-6, wherein said protein extract derives from the seeds of said hibiscus, preferably said seeds are delipidated.

8. The composition for use according to any one of claims 1-7, wherein said protein extract is at least a protein fraction, preferably a soluble protein fraction, preferably is a protein hydrolysate.

9. The composition for use according to claim 8, wherein said hydrolysate is a mixture of oligopeptides, preferably with a binder.

10. The composition for use according to any one of claims 1-9, wherein said protein extract of hibiscus is present in a concentration that ranges between 0.1 and 10%; it preferably ranges between 0.4 and 5%.

11. The composition for use according to any one of claims 1-10, wherein said at least one beta glucan is carboxymethyl-beta glucan or a salt thereof; preferably it is sodium carboxymethyl-beta glucan.

12. The composition for use according to any one of claims 1-11, wherein said beta glucan is present in a concentration that ranges between 0.004 and 0.4% preferably between 0.02 and 0.08%.

13. The composition for use according to any one of claims 1-12, wherein the ratio between said at least one protein extract and said at least one beta glucan is 50-10: 1, preferably 35-20: 1.

14. The composition for use according to any one of claims 1-13, further comprising a conditioning agent selected in the group consisting in: dimethicone or dimethyl polysiloxane, preferably linear, glycerine, almond oil (preferably Prunus *amygdalus dulcis* oil), phenyl trimethicone, borage oil (preferably oil from the seeds of Borago *officinalis*),malva extract and/or mucilage, preferably mucilage of Malva *sylvetris*, panthenol, extract of calendula, preferably of Calendula *officinalis*" ethylhexylglycerin, caprylyl glycol, aspartic acid, maltodextrins and glyceryl stearate.

15. The composition for use according to any one of claims 1-14, further comprising a surfactant selected in the group consisting in: cetyl alcohol, cetyl(20) OE or ceteth-20, stearyl(20)OE or steareth-20 and PEG-75 stearate.

16. The composition for use according to any one of claims 1-15, further comprising a preservative, preferably phenoxyethanol; or an antioxidant, preferably tocopherol and/or a liquorice (glycyrrhiza glabra) dry extract; or a binder, preferably a dextrin; or a stabilizing agent, preferably an emulsifying stabilizing agent, more preferably a crosslinked acrylic copolymer; or a chelating agent, preferably trisodium ethylenediamine disuccinate.

17. The composition for use according to any one of claims 1-16, formulated as a cream, gel cream, gel, oil, emulsion, gel emulsion (emulgel), ointment, spray, suppository or stick.

18. A method for producing a composition according to any one of claims 1-17 comprising the following steps:

(i) melting the conditioning agents, preferably the occlusive and/or emollient conditioning agents, and/or the surfactants, preferably the emulsifying and/or cleaning surfactants, at a temperature that ranges between 70 and 90°C; more preferably it ranges between 75 and 80°C;

(ii) mixing the solvent, the conditioning agents, preferably moisturizing ones, the chelating agents and/or the stabilizing emulsifying agents with the raw materials melted according to step (i);

(iii) adding at least one hibiscus extract to the mixture according to step (ii);

(iv) adding at least one beta glucan to the mixture according to step (iii).