CLAIMS

1. An antiadhesive material comprising:

(A) a peptide (A-1) ~~having~~ consisting of an amino acid sequence of ~~(A-1) -~~(X-Pro-Y)$_n$-, wherein ~~[~~X represents any amino acid, Pro represents proline, Y represents hydroxyproline or proline, and n is an integer of 1 to ~~10]~~10, and/or a peptide (A-2) having an amino acid sequence of ~~(A-2) -(Pro-Y)$_m$-~~ -(Pro-Y)$_m$-, ~~[~~wherein Pro represents proline, Y represents hydroxyproline or proline, and m is an integer of 1 to 10~~]~~; and

(B) a gelatin gel.

2. The antiadhesive material according to claim 1, wherein, in the amino acid sequence (A-1), X is a hydrophobic amino acid, a hydrophilic basic amino acid, or a hydrophilic neutral amino acid.

3. The antiadhesive material according to claim 1~~ or 2~~, wherein, in the amino acid sequence (A-1), X is glycine, isoleucine, asparagine, arginine, tyrosine, alanine, valine, or leucine.

4. The antiadhesive material according to ~~any one of claims 1 to 3~~claim 1, wherein, in the amino acid sequence (A-1), Y is hydroxyproline.

5. The antiadhesive material according to ~~any one of claims 1 to 4~~claim 1, wherein, in the amino acid sequence (A-1), X is glycine, isoleucine, asparagine, arginine, or tyrosine, and Y is hydroxyproline.

6. The antiadhesive material according to ~~any one of claims 1 to 5~~claim 1, wherein, in the amino acid sequence (A-1), n is an integer of 1 to 5.

7. The antiadhesive material according to claim 1, wherein, in the amino acid sequence (A-2), m is an integer of 1 to 5.

8. The antiadhesive material according to ~~any one of claims 1 to 7~~claim 1, wherein the gelatin gel is a crosslinked gelatin gel.

9. The antiadhesive material according to ~~any one of claims 1 to 8~~claim 1, wherein the gelatin gel is a gelatin sponge gel.

10. The antiadhesive material according to ~~any one of claims 1 to 9~~claim 1, wherein the gelatin gel is a powder-form aerogel or a granule-form hydrogel.

11. The antiadhesive material according to ~~any one of claims 1 to 10~~claim 1, wherein the antiadhesive material further comprises an aqueous solvent, and is in hydrogel form containing the peptide and the gelatin gel.

12. The antiadhesive material according to ~~any one of claims 1 to 10~~claim 1, wherein the antiadhesive material comprises no aqueous solvent, and is a one-part type which includes a solid formulation containing the peptide and the gelatin gel.

13. The antiadhesive material according to ~~any one of claims 1 to 10~~claim 1, wherein the antiadhesive material is a two-part type which includes formulation I containing the peptide and formulation II containing the gelatin gel.

14. The antiadhesive material according to claim 13, wherein the formulation I is in liquid form containing an aqueous solvent, and the formulation II is in hydrogel form containing an aqueous solvent.

15. The antiadhesive material according to claim 13, wherein the formulation I is in liquid form containing an aqueous solvent, and the formulation II is in aerogel form.

16. The antiadhesive material according to claim 13, wherein the formulation I is in powder form, and the formulation II is in hydrogel form containing an aqueous solvent.

17. The antiadhesive material according to claim 13, wherein the formulation I is in powder form, and the formulation II is in aerogel form.

18. ~~Use of a formulation containing: (A)~~ A method of manufacturing an antiadhesive material, comprising:

combining formulation I comprising a peptide (A-1) consisting of ~~having~~ an amino acid sequence of ~~(A-1) (X-Pro-Y)$_n$ [X~~ (X-Pro-Y)$_n$-, wherein X represents any amino acid, Pro represents proline, Y represents hydroxyproline or proline, and n is an integer of ~~1 to 10],~~ 1 to 5, and/or a peptide (A-2) having an amino acid sequence of ~~(A-2) (Pro-Y)$_m$ [Pro~~ -(Pro-Y)$_m$-, wherein Pro represents proline, Y represents hydroxyproline or proline, and m is an integer of 1 to 10~~]~~; and formulation II comprising ~~(B)~~ a gelatin gel~~, for the manufacture of an antiadhesive material~~.

19. A method for preventing adhesion, the method comprising administering the antiadhesive material according to ~~any one of claims 1 to 17~~claim 1 in an amount effective for preventing adhesion to a site of a biological tissue in need of preventing adhesion.