CLAIMS

1. A tissue occluding agent comprising a peptide, wherein the peptide has an amino acid sequence as set forth in SEQ ID NO: 2.

2. The tissue occluding agent according to claim 1, further comprising a small molecule drug.

3. The tissue occluding agent according to claim 2, wherein the small molecule drug is selected from the group consisting of glucose, saccharose, purified saccharose, lactose, maltose, trehalose, dextran, iodine, lysozyme chloride, dimethylisopropylazulene, tretinoin tocoferil, povidone iodine, alprostadil alfadex, anise alcohol, isoamyl salicylate, α,α-dimethylphenylethyl alcohol, bacdanol, helional, sulfazin silver, bucladesine sodium, alprostadil alfadex, gentamycin sulfate, tetracycline hydrochloride, sodium fusidate, mupirocin calcium hydrate and isoamyl benzoate.

4. A hemostatic agent for hemorrhage of blood in a condition of reduced clotting function induced by addition of an anticoagulant, comprising the tissue occluding agent according to any one of claims 1 to 3.

5. A hemostatic agent for a hemorrhaging wound surface of a parenchymal organ, comprising the tissue occluding agent according to any one of claims 1 to 3.

6. A hemostatic agent for arterial hemorrhage and phleborrhagia, comprising the tissue occluding agent according to any one of claims 1 to 3.

7. An agent for preventing bile leakage from the gall bladder or bile duct, comprising the tissue occluding agent according to any one of claims 1 to 3.

8. An agent for preventing hemorrhage or air leakage from the lungs, comprising the tissue occluding agent according to any one of claims 1 to 3.

9. A mucosal tissue infusion for elevating an excision site in endoscopic demucosation, the infusion comprising the tissue occluding agent according to any one of claims 1 to 3.

10. An agent for preventing hemorrhage and body fluid leakage from an excision site in a method of excising a mucosal tissue section that has been elevated by infusion of a liquid into the mucosal tissue, the agent comprising the tissue occluding agent according to any one of claims 1 to 3.

11. A hemostatic agent applicable for transcatheter application for hemostasis from an excision site in endoscopic demucosation, the agent comprising the tissue occluding agent according to any one of claims 1 to 3.

12. An arteriovenous occluding agent for arteriovenous occlusion or a varix sclerotherapy agent for varix sclerotherapy, comprising the tissue occluding agent according to any one of claims 1 to 3.

13. An arteriovenous occluding agent for arteriovenous occlusion or a varix sclerotherapy agent for varix sclerotherapy according to claim 12, further comprising an anticancer agent and/or a contrast agent.

CLAIMS

1. A tissue occluding agent comprising a peptide, wherein the peptide is an amphiphilic peptide having 8-200 amino acid residues with the hydrophilic amino acids and hydrophobic amino acids alternately bonded, and is a self-assembling peptide exhibiting a β-structure in aqueous solution at physiological pH and/or in the presence of a cation.

2. The tissue occluding agent according to claim 1, wherein the peptide has a repeating sequence which is a sequence consisting of arginine, alanine, aspartic acid and alanine, a sequence consisting of isoleucine, glutamic acid, isoleucine and lysine, or a sequence consisting of lysine, leucine, aspartic acid and leucine.

3. The tissue occluding agent according to claim 1 or 2, wherein the peptide consists of the amino acid sequence of SEQ ID NO: 1, SEQ ID NO: 2 or SEQ ID NO: 3.

4. The tissue occluding agent according to any one of claims 1 to 3, further comprising a small molecule drug.

5. The tissue occluding agent according to claim 4, wherein the smallmolecule drug is selected from the group consisting of glucose, saccharose, purified saccharose, lactose, maltose, trehalose, dextran, iodine, lysozyme chloride, dimethylisopropylazulene, tretinoin tocoferil, povidone iodine, alprostadil alfadex, anise alcohol, isoamyl salicylate, α,α-dimethylphenylethyl alcohol, bacdanol, helional, sulfazin silver, bucladesine sodium, alprostadil alfadex, gentamycin sulfate, tetracycline hydrochloride, sodium fusidate, mupirocin calcium hydrate and isoamyl benzoate.

6. The hemostatic agent for hemorrhage of blood in a condition of reduced clotting function induced by addition of an anticoagulant, comprising the tissue occluding agent according to any one of claims 1 to 5.

7. The hemostatic agent for a hemorrhaging wound surface of a parenchymal organ, comprising the tissue occluding agent according to any one of claims 1 to 5.

8. The hemostatic agent for arterial hemorrhage and phleborrhagia, comprising the tissue occluding agent according to any one of claims 1 to 5.

9. An agent for preventing bile leakage from the gall bladder or bile duct, comprising the tissue occluding agent according to any one of claims 1 to 5.

10. An agent for preventing hemorrhage or air leakage from the lungs, comprising the tissue occluding agent according to any one of claims 1 to 5.

11. A mucosal tissue infusion for elevating an excision site in endoscopic demucosation, the infusion comprising the tissue occluding agent according to any one

of claims 1 to 5.

12. An agent for preventing hemorrhage and body fluid leakage from an excision site in a method of excising a mucosal tissue section that has been elevated by infusion of a liquid into the mucosal tissue, the agent comprising the tissue occluding agent according to any one of claims 1 to 5.

13. A hemostatic agent applicable for transcatheter application for hemostasis from an excision site in endoscopic demucosation, the agent comprising the tissue occluding agent according to any one of claims 1 to 5.

14. An arteriovenous occluding agent for arteriovenous occlusion or a varix sclerotherapy agent for varix sclerotherapy, comprising the tissue occluding agent according to any one of claims 1 to 5.

15. An arteriovenous occluding agent for arteriovenous occlusion or a varix sclerotherapy agent for varix sclerotherapy according to claim 14, further comprising an anticancer agent and/or a contrast agent.