CLAIMS

[Claim 1]

A prophylactic/therapeutic agent for periodontal disease caused by a bacterium having N-benzoyl-DL-alginyl peptidase activity, comprising a galactooligosaccharide as an active ingredient.

[Claim 2]

The prophylactic/therapeutic agent for periodontal disease according to claim 1, wherein the bacterium having N-benzoyl-DL-alginyl peptidase activity is *Porphyromonas gulae* or *Porphyromonas gingivalis*.

[Claim 3]

A prophylactic/therapeutic agent for periodontal disease for a companion animal, comprising a galactooligosaccharide as an active ingredient.

[Claim 4]

An inhibitor of a periodontal bacterium for a companion animal, comprising a galactooligosaccharide as an active ingredient.

[Claim 5]

A method for preventing/treating periodontal disease of a companion animal characterized by administering a galactooligosaccharide to a companion animal.