and specific oral diseases, and additional improvements, as well as methods of administration or uses thereof.

Summary

The present disclosure provides a composition for use in oral hygiene, comprising an oral hygiene effective amount of a probiotic, the probiotic comprising a *Lactobacillus helveticus* strain.

In one aspect of the present disclosure, there is provided a composition for use in oral hygiene, comprising an oral hygiene effective amount of a probiotic, the probiotic comprising a *Lactobacillus helveticus* LAFTI L10 strain.

In another aspect of the present disclosure, there is provided a composition for use in oral hygiene comprising a probiotic, wherein the probiotic comprises *Lactobacillus helveticus* R0052 and *Lactobacillus plantarum* SD5870.

In one embodiment of the present disclosure, there is provided a composition for use in oral hygiene, comprising an oral hygiene effective amount of a probiotic, the probiotic comprising a *Lactobacillus helveticus* strain and a *Lactobacillus plantarum* strain.

In another embodiment of the present disclosure, there is provided a composition for use in oral hygiene, comprising an oral hygiene effective amount of a probiotic, the probiotic comprising a *Lactobacillus helveticus* strain and *Bifidobacterium longum* SD5846.

The present disclosure also provides a composition for use in preventing dental caries, comprising a dental caries preventing effective amount of a probiotic, the probiotic comprising *Lactobacillus plantarum* SD5870.

In another aspect of the present disclosure, there is provided a composition for use in treating or preventing dental caries, comprising a dental caries preventing effective amount of a probiotic, the probiotic comprising *Lactobacillus plantarum* SD5870.

The present disclosurealso provides a composition for use in preventing dental caries, comprising a dental caries preventing effective amount of a probiotic, the probiotic comprising *Bifidobacterium longum* SD5846.

In another embodiment of the present disclosure, there are provided uses of the aforementioned probiotics for oral hygiene.

In another embodiment of the present disclosure, there are provided uses of the aforementioned probiotics for the preparation of a medicament for oral hygiene.

Claims:

1. A composition for use in oral hygiene, comprising an oral hygiene effective amount of a probiotic, the probiotic comprising a *Lactobacillus helveticus* LAFTI L10 strain.

2. The composition for use in oral hygiene according to claim 1, wherein the probiotic further comprises *Lactobacillus helveticus* R0052.

3. The composition for use in oral hygiene according to any one of claims 1 to 2, wherein the probiotic further comprises another probiotic bacteria.

4. The composition for use in oral hygiene according to any one of claims 1 to 3, wherein the probiotic further comprises one or more lactobacilli.

5. The composition for use in oral hygiene according to any one of claims 1 to 4, wherein the probiotic further comprises a *Lactobacillus plantarum* strain.

6. The composition for use in oral hygiene according to any one of claims 1 to 5, wherein the probiotic further comprises *Lactobacillus plantarum* SD5870.

7. The composition for use in oral hygiene according to any one of claims 1 to 6, wherein the probiotic consists essentially of the *Lactobacillus helveticus* LAFTI L10 strain and *Lactobacillus plantarum* SD5870.

8. A composition for use in oral hygiene comprising a probiotic, wherein the probiotic comprises *Lactobacillus helveticus* R0052 and *Lactobacillus plantarum* SD5870.

9. The composition for use in oral hygiene according to any one of claims 1 to 8, wherein the probiotic further comprises one or more bifidobacteria.