Amended Claims

[Claim 1]

A probiotic(s) having aryl hydrocarbon receptor (AhR) activating potency, wherein the probiotic(s) is/are selected from the group consisting of a Lactic acid bacterium, a Bifidobacterium, and a Propionic acid bacterium.

~~[Claim 2]~~

~~The probiotic(s) according to Claim 1, wherein the probiotic(s) is selected from the group consisting of a Lactic acid bacterium, a Bifidobacterium, and a Propionic acid bacterium.~~

~~[Claim 3]~~ [Claim 2]

The probiotic(s) according to Claim 1 or 2, wherein the probiotic(s) is a Lactic acid bacterium.

~~[Claim 4]~~ [Claim 3]

Lactobacillus delbrueckii subsp. *bulgaricus* OLL1181 strain (depository number: FERM BP-11269).

~~[Claim 5]~~

~~An anti-inflammatory agent comprising a probiotic(s) having AhR-activating potency.~~

~~[Claim 6]~~ [Claim 4]

The anti-inflammatory agent according to Claim 5, wherein the probiotic(s) having AhR-activating potency is selected from the group consisting of a Lactic acid bacterium, a Bifidobacterium, and a Propionic acid bacterium.

~~[Claim 7]~~ [Claim 5]

The anti-inflammatory agent according to Claim 5 or 6, wherein the probiotic(s) is a Lactic acid bacterium.

~~[Claim 8]~~ [Claim 6]

The anti-inflammatory agent according to any one of Claims 5 to 7, wherein the probiotic(s) having AhR-activating potency is *Lactobacillus delbrueckii* subsp. *bulgaricus* OLL1181 strain.

~~[Claim 9]~~ [Claim 7]

An orally ingested composition comprising the anti-inflammatory agent according to any one of Claims 5 to 8.

~~[Claim 10]~~ [Claim 8]

The orally ingested composition according to Claim 9, wherein the composition for oral ingestion is selected from the group consisting of a beverage composition, a food composition, a feedstuff composition, and a pharmaceutical composition.

~~[Claim 11]~~ [Claim 9]

A method for screening probiotic(s) having AhR-activating potency, the method comprising a step of stimulating AhR-expressing cells having an expression unit containing a xenobiotic responsive element (XRE) and a reporter gene region downstream thereof by means of a candidate probiotic(s) and/or a culture supernatant thereof, wherein said candidate probiotic(s) is/are selected from the group consisting of a Lactic acid bacterium, a Bifidobacterium, a Propionic acid bacterium, Bacteroides, Eubacterium, anaerobic Streptococcus, Enterococcus, and *Escherichia coli*.

[Claim 10]

The method according to claim 9, wherein the candidate probiotic(s) is/are selected from the group consisting of a Lactic acid bacterium, a Bifidobacterium, and a Propionic acid bacterium.