CLAIMS

1. A bacterial strain *Lactobacillus paracasei* DG deposited with the National Collection of Microorganism Cultures of the Pasteur Institute in Paris on 05/05/1995, with the deposit number CNCM 1-1572 for use in therapy.

~~1~~2. ~~A~~ Use of a bacterial strain *Lactobacillus paracasei* DG deposited with the National Collection of Microorganism Cultures of the Pasteur Institute in Paris on 05/05/1995, with the deposit number CNCM 1-1572 ~~for use~~ in the manufacture of a medicament for the treatment and/or prevention of intestinal butyrate- and/or succinate-dependent pathological conditions.

~~2~~3. ~~A~~ The use according to claim 2 of a composition comprising the bacterial strain *Lactobacillus paracasei* DG ~~for use according to claim 1~~.

~~3~~4. The ~~composition for~~ use according to claim ~~2~~3, wherein said intestinal pathological condition is selected from: diarrhoea, intestinal inflammation, ulcerative colitis, gastric atrophy, intestinal diverticula, stenosis, obstructions and diabetic neuropathy.

~~4~~5. The ~~composition for~~ use according to claim ~~2~~3 or ~~3~~4, wherein the bacterial strain *Lactobacillus paracasei* DG is a live or a dead bacterium, or a bacterial lysate or extract.

~~5~~6. The ~~composition for~~ use according to any one of claims ~~2~~3-~~4~~5, wherein the composition comprises~~ing~~ 15-30 billion CFU, preferably 20-25 billion CFU of the bacterial strain *Lactobacillus paracasei* DG.

~~6~~7. The ~~composition for~~ use according to any one of claims ~~2~~3-~~5~~6, wherein the composition is to be administered ~~for~~ orally ~~administration~~, preferably in the form of pills, capsules, tablets, granular powder, hard capsules, water-soluble granules, sachets or pellets.

~~7~~8. The ~~composition for~~ use according to any one of claims ~~2~~3-~~5~~6, wherein the composition is formulated in liquid form, preferably as a syrup or beverage, or is added to a food, preferably to a yogurt, cheese or fruit juice.

~~8~~9. The ~~composition for~~ use according to any one of claims ~~2~~3-~~5~~6, wherein the composition is in a form capable of exerting an action topically, preferably as an enema.

~~9~~10. The ~~composition for~~ use according to any one of claims ~~2~~3-~~8~~9, wherein the composition further comprises~~ing~~ dietary fibres having prebiotic activity, preferably

FOS, inulin or guar gum, or comprises other substances such as vitamins, trace elements and/or enzymes.