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.

2. 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 in the manufacture of a medicament for the treatment and/or prevention of intestinal butyrate- and/or succinate-dependent pathological conditions.

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

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

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

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

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

8. The use according to any one of claims 3-6, 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.

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

10. The use according to any one of claims 3-9, wherein the composition further comprises dietary fibres having prebiotic activity, preferably FOS, inulin or guar gum, or comprises other substances such as vitamins, trace elements and/or enzymes.