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(54) Title: A NUTRITIONAL COMPOSITION COMPRISING LACTOCOCCUS STRAINS AND REDUCING ALLERGY SYMPTOMS, ESPECIALLY IN INFANTS AND CHILDREN.

Figure 4:

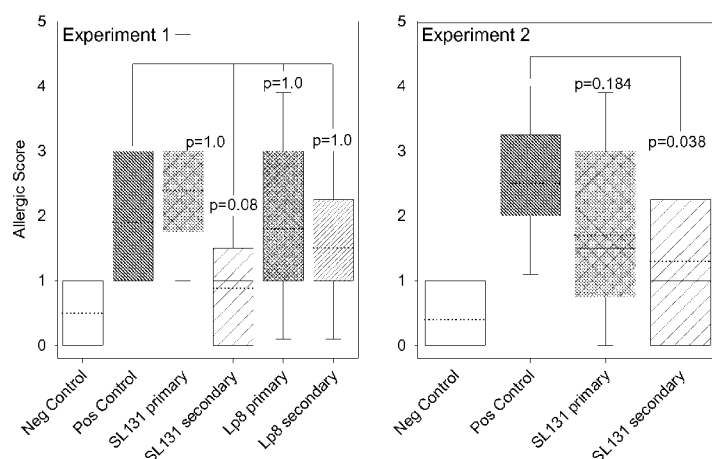


Figure 4: Reduced symptoms of food allergy in mice receiving 5×10^8 CFU/ml in drinking water of *L. lactis* NCC 2287 (SL131) during the last week before challenge but not in mice receiving the same strain during the sensitization phase or in mice receiving probiotic strain *L. plantarum* NCC 1107 (Lp8). Results of 2 independent experiments. Solid line corresponds to median, dotted line corresponds to mean.

(57) Abstract: A complete nutritional composition comprising *Lactococcus* strains or probiotic is provided for reducing the symptoms of allergies in different groups of patients such as allergies originating from food allergens in young children or infants and respiratory allergies in children, adults and household pets. Preferably the composition reduces symptoms of allergies (secondary prevention) while not significantly affecting sensitization (primary prevention). The composition comprises a probiotic of the genus *Lactococcus*.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
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