**CLAIMS**

1. The use of a composition for preventing or treating hyperglycaemia in a non-diabetic animal, where the composition contains beta-casein, and where the beta-casein comprises at least 75% by weight beta-casein A2.

2. The use as claimed in claim 1, wherein the beta-casein comprises at least 90% by weight beta-casein A2.

3. The use as claimed in claim 1 or claim 2, wherein the beta-casein comprises 100% beta-casein A2.

4. The use as claimed in any one of claims 1 to 3, wherein the composition is milk or a milk product.

5. The use as claimed in claim 4, wherein the milk is fresh milk, milk powder, liquid milk reconstituted from powder, skim milk, homogenised milk, condensed milk, evaporated milk, pasteurised milk, or non-pasteurised milk.

6. The use as claimed in claim 4, wherein the milk product is cream, yoghurt, quark, cheese, butter, or ice cream.

7. The use as claimed in any one of claims 1 to 6, wherein the animal is a human, dog, or cat.

8. The use of milk in the manufacture of a composition for preventing or treating hyperglycaemia in a non-diabetic animal, where the composition contains beta-casein, and where the beta-casein comprises at least 75% by weight beta-casein A2.

9. The use as claimed in claim 8, wherein the beta-casein comprises at least 90% by weight beta-casein A2.

10. The use as claimed in claim 8 or claim 9, wherein the beta-casein comprises 100% beta-casein A2.

11. The use as claimed in any one of claims 8 to 10, wherein the composition is milk powder, liquid milk reconstituted from powder, skim milk, homogenised milk, condensed milk, evaporated milk, pasteurised milk, or non-pasteurised milk.

12. The use as claimed in any one of claims 8 to 10, wherein the composition is cream, yoghurt, quark, cheese, butter, or ice cream.

13. The use as claimed in any one of claims 8 to 11, wherein the animal is a human, dog, or cat.