

PROTEINS OF LACTOBACILLI – A TOOL FOR THE FUTURISTIC TREATMENT

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Abstract—*There are important roles of lactobacilli to maintain human health. They are known to inhibit pathogen like Salmonella and boost gut barrier. The role of Lactobacillus has been studied in amelioration of blood glucose levels in rat. The protein expression of lactobacilli has been focussed on in this study. In high glucose concentration and low glucose concentration the protein expression profile of Lactobacillus has been studied. This approach would help us to know the proteins that are changed in their expression in high glucose condition. Further studies could be done to functionally elaborate about the proteins that are affected by high blood glucose levels. These proteins could be over expressed in humans who have high blood glucose levels and treat them.*