Bozoglu / Ray

Lactic Acid Bacteria

Current Advances in Metabolism, Genetics and Applications

For a long time, lactic acid bacteria have played an indispensable role in food production. This book provides an overview and recent findings on their genetics and biochemistry as well as possible applications. The development and use of non-pathogenic lactic acid bacteria in vaccine delivery systems for mucosal immunizations are discussed. Their role in food fermentation, their use in carbohydrate modification and key systems for proteolysis and lantibiotic production are treated in detail. Further, the transformation of organic wastes into food and fertilizers is covered. The volume contains a wealth of useful information and can serve both as an introduction to the field for beginners and as a reference book.

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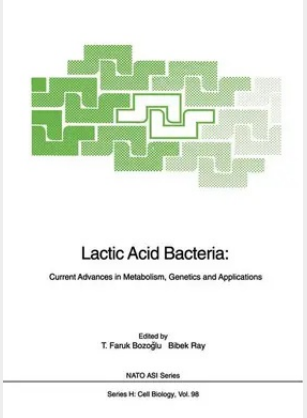

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