Record Nr. UNINA9910298319003321 Lactic Acid Bacteria: Fundamentals and Practice / / edited by Heping **Titolo** Zhang, Yimin Cai Pubbl/distr/stampa Dordrecht:,: Springer Netherlands:,: Imprint: Springer,, 2014 **ISBN** 94-017-8841-3 Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (536 p.) Disciplina 637.0157935 Soggetti Microbial genetics Microbial genomics Medical biochemistry Biochemical engineering Food—Biotechnology **Biochemistry Nutrition** Microbial Genetics and Genomics Medical Biochemistry **Biochemical Engineering** Food Science **Animal Biochemistry**

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Nota di contenuto Phylogenesis and Evolution of Lactic Acid Bacteria -- Biodiversity of

> Lactic Acid Bacteria -- Genomics of Lactic Acid Bacteria -- Proteomics of Lactic Acid Bacteria -- Lactic Acid Bacteria in Health and Disease --Lactic Acid Bacteria and the Human Gastrointestinal Tract --

Application of Lactic Acid Bacteria for Animal Production -- Traditional

Chinese Fermented Dairy Foods.

Sommario/riassunto The book summarizes the latest research and developments in dairy

> biotechnology and engineering. It provides a strategic approach for readers relating to fundamental research and practical work with lactic

acid bacteria. The book covers every aspect from identification,

ecology, taxonomy and industrial use. All contributors are experts who have substantial experience in the corresponding research field. The book is intended for researchers in the human, animal, and food sciences related to lactic acid bacteria. Dr. Heping Zhang is a Professor at the Key Laboratory of Dairy Biotechnology and Engineering Ministry of Education, Inner Mongolia Agricultural University, China. Dr. Yimin Cai works in Livestock and Environment Division, Japan International Research Center for Agricultural SciencesJIRCAS), Japan.