

Preface

This book is based on oral presentations delivered at the XVI IUFoST (International Union of Food Science and Technology) World Congress held in Foz do Iguaçu, Brazil, August 5–9, 2012. Selected speakers were invited to submit a full text of their presentations, which were then peer-reviewed. This IUFoST World Congress, the first held in Latin America, was a major success in terms of the number of international delegates representing more than 90 countries, as well as the participation of the most distinguished scientists in the field. A broad number of topics were covered in depth by colleagues from many diverse backgrounds. Gláucia M. Pastore, University of Campinas, Brazil, served as the Conference Organizer and she received invaluable support from a number of sponsors, international and local organizations, committees and individuals. The Congress Scientific Committee, which was comprised of world renowned scholars, was led by Delia Rodriguez-Amaya, University of Campinas and Rickey Yada, University of British Columbia, Canada. This Committee was instrumental in the success of the Congress; among many other duties, it was charged with inviting speakers, handling all of the abstracts, preparing the scientific program and corresponding with the chosen presenters.

This book contains 23 chapters, which are divided into five sections: Food Security; Nutrition and Health; Global Education; Food Science; and Food Engineering. The first three sections cover global and regional issues of great relevance and include such topics as: food safety in developing and developed countries; IUFoST distance-assisted training; undergraduate and graduate curricula in different parts of the world. The last two sections are dedicated to specific topics of current interest such as, religious slaughter of animals, multiphysics modelling, and microbial inactivation by microwave heating.

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We hope this IUFoST book to become a valuable addition to the body of knowledge of the food science and engineering scientific community.

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