

Contents

1. Lactic Acid Bacteria in Reducing Infection Via the Intestinal Immune System	1
<i>Satoshi Hachimura</i>	
2. Immunoglobulin A Drug Development as a Gut Microbial Regulator	8
<i>Reiko Shinkura</i>	
3. Altered Humoral Immunity and Antigenic Evolution in Coronavirus Disease 2019	19
<i>Shiv Pillai</i>	
4. Dynamics of Probiotic Strains in Human Small Intestinal Tract	35
<i>Kenji Oishi</i>	
5. Battling <i>Helicobacter pylori</i> with Our Microbial Weapons: The Emerging Era of Novel Microbiome-based Probiotics	45
<i>Angitha N Nath, Aleena Mariam Shaji, RJ Retnakumar, G Balakrish Nair, Santanu Chattopadhyay</i>	
6. Effect of <i>Lacticaseibacillus paracasei</i> Strain Shirota Intake on the Stability of Gut Microbiota in the Elderly	69
<i>Ryuta Amamoto</i>	
7. Effects of Probiotics on the Gut-Brain Interaction.....	79
<i>Kazunori Matsuda</i>	
8. Psychobiotics: Workable Approach in Sports?	88
<i>Anto Cordelia Tanislaus Antony Dhanapal, AMGCP Adikari, Garry Kuan, Mahenderan Appukutty</i>	
9. Synbiotics and Gut Health: Science to Applications.....	95
<i>Ruchita V Khakhariya, Subrota Hati</i>	
<i>Index</i>	111