



Probiotics and Prebiotics

Guest Editor:

Prof. Dr. Yasuhiro Koga

Laboratory for Infectious
Diseases, Tokai University School
of Medicine, Isehara, Kanagawa
259-1193, Japan

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Message from the Guest Editor

Dear Colleagues,

Probiotics are defined as live non-pathogenic bacteria that beneficially affect the host by influencing the microbiota of the digestive tract. Prebiotics, that are usually saccharides and fiber, represent a source of energy being metabolized by the intestinal and probiotic microbiota. In the last several decades, a rapid enlargement in the use of probiotics/prebiotics occurred for prevention and treatment of diseases in medicine, such as diarrhea caused by certain pathogenic bacteria and viruses, *Helicobacter pylori* infection, and allergy etc. Rigid evidence supporting the efficacy of probiotics/prebiotics in such clinical uses and mechanical studies are now needed in order to firmly establish them in the modern medicine.

Prof. Dr. Yasuhiro Koga

Guest Editor





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Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química e Bioquímica (CQB), Faculdade de Ciências, Universidade de Lisboa (FCUL), Rua Ernesto de Vasconcelos, Campo Grande, Edifício C8, 5º Piso, 1749-016 Lisboa, Portugal

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MDPI, St. Alban-Anlage 66
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