

Special Issue

The Gut Microbiota in Infants: Focus on Bifidobacterium

Message from the Guest Editors

This Special Issue will present the current view of gut microbiota research in infancy, and the consequences for later health, with special focus on the genus *Bifidobacterium*. In recent years, the intestinal microbiota has been studied in depth in child development. However, there are still gaps in the importance of alterations in the microbiota, specifically in the role of microorganisms of great relevance in the infant intestinal ecosystem, such as the genus *Bifidobacterium*. This Special Issue will cover, but not limited to, the following:

- Role of infant intestinal microbiota in the maintenance of health
- Development of the gut microbiota, including *Bifidobacterium*, along the different stages of infant development
- Impact in infancy on the intestinal microbiota composition and function
- Use of probiotics, including *Bifidobacterium*, in neonates and pediatric population
- Effect of feeding habits, infant foods, etc., on *Bifidobacterium*
- The mechanisms involved in the bifidobacteria–host interaction

Guest Editors

Dr. Gonzalo Solís Sánchez

Neonatology, Pediatrics Area, Hospital Universitario Central de Asturias, Universidad de Oviedo, Oviedo, Spain

Prof. Dr. Miguel Gueimonde

Instituto de Productos Lácteos de Asturias (IPLA-CSIC), Villaviciosa, Asturias, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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