

Special Issue

Animal Microbiota Metabolism and Intestinal Health

Message from the Guest Editor

In recent years, extensive work has significantly advanced our understanding of the integral role of animal microbiomes in maintaining animal health and growth performance. Research has demonstrated the association of microbial dysbiosis with disease states, the essential nature of commensal microbes for proper immune development, the crosstalk between microorganisms and their hosts, and much more. However, additional work is still needed to fully comprehend the animal microbiomes of various niches within the body and how they influence, and are influenced by, their host's gut. In this Special Issue, we welcome original research articles and review papers. Research projects may include, but are not limited to, the following: (1) the association between microbiome composition or function and intestinal health in animals (for example, pigs, ruminants, or poultry); (2) screening and functional evaluation of bacteria strains isolated from the animal gut; (3) *in vitro* or *in vivo* regulation of the gut microbiota metabolism through nutritional strategies.

Guest Editor

Dr. Yu Pi

Institute of Feed Research, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Deadline for manuscript submissions

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

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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