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Probiotics, Prebiotics, Postbiotics and Gut Microbiota in Lung Health and Disease

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closed (20 December 2022)

Message from the Guest Editors

Dear Colleagues,

It has long been known that lung diseases can be associated with gut symptoms or disorders, and in recent years, gut–lung axis has become a prominent area of interest for research. Recent studies have demonstrated that lung infections affect the gut microbiota equilibrium. Although it is unclear whether restoring gut eubiosis could alleviate lung pathologies, several studies suggest that diet, pro-, pre- and postbiotics could significantly impact chronic lung disease development and progression.

In this Special Issue, original research articles and reviews describing basic, clinical and applied studies on novel and significant advances in all areas relevant to the gut–lung axis are welcome. Topics of interest may include, but are not limited to, the following: nutrition, pro-, pre- and postbiotic effect on acute and chronic lung diseases; relationship between gut commensal strains and lung health/pathologies; and relationship between diet and lung health. We look forward to receiving your contributions.

Dr. Muriel Thomas

Dr. Vinciane Saint-Criq

Guest Editors



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