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## Probiotics in Immunity and Inflammation

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### Message from the Guest Editor

Dear Colleagues,

In recent years, probiotics have stood out in the treatment of various inflammatory diseases and changes in the immune response. This fact is due to the discovery that the intestinal microbiota are capable of modulating the inflammatory response in organs far from the gastrointestinal tract, including the lungs. Despite the beneficial effects of some probiotics on allergic asthma and chronic obstructive pulmonary disease (COPD), the mechanisms of action of probiotics in the storm of inflammatory cytokines and in the dysregulation of the immune response in chronic pulmonary diseases still remain poorly explored. For this reason, studies that investigate the cell signaling responsible for the beneficial effect of probiotics on chronic lung inflammation deserve to be highlighted.

Prof. Dr. Flávio Aimbire Soares de Carvalho  
*Guest Editor*



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