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## Diet–Host–Microbiota Interaction to Regulate Intestinal Homeostasis

Guest Editor:

**Prof. Dr. Dan Linetzky  
Waitzberg**

Department of Gastroenterology,  
Laboratory of Nutrition and  
Metabolic Surgery, LIM 35, School  
of Medicine, University of São  
Paulo, São Paulo 01246-903, SP,  
Brazil

Deadline for manuscript  
submissions:

**closed (15 December 2023)**

### Message from the Guest Editor

Dear Colleagues,

The following Special Issue explores the interactions within dietary nutrients and the host–microbiota axis as a potential modulator of human health. The maintenance of human health can begin at the intestine through a synergistic crosstalk between the host immune system and the resident microbiome. Impaired intestinal barrier function and immunity following gut microbiota imbalances have been proposed as underlying mechanisms of several diseases, such as obesity, diabetes, and inflammatory bowel diseases. Dietary components are considered one of the main environmental factors that can positively and negatively shape the intestinal ecology. Characterizing the effects of diet intake through the host–microbe axis can aid in designing evidence-based dietary interventions to maintain human health by favoring intestinal homeostasis.



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# Special Issue



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3. Preventive Medicine Service,  
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### **Prof. Dr. Maria Luz Fernandez**

Department of Nutritional  
Sciences, University of  
Connecticut, Storrs, CT 06269,  
USA

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*Nutrients* Editorial Office  
MDPI, St. Alban-Anlage 66  
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