

Special Issue

Chronic Diseases: Gut-Brain-Immune-Microbiome Axis

Message from the Guest Editor

Permeability or leakiness of the intestinal epithelial barrier contributes to the development and/or severity of multiple chronic diseases, including but not limited to obesity, diabetes, certain types of cancer, liver dysfunction, neurological conditions (via the gut-brain axis), stroke, etc. Disease immunity is inseparable from the feedback and regulation of the nervous system. This Special Issue focuses on chronic diseases, not only neurochronic diseases, but also diabetes, heart disease, arthritis, gastrointestinal diseases, inflammatory diseases, autoimmune diseases, etc. We welcome your original research or review papers on cellular and molecular aspects of the gut-brain-immune-microbiome axis as well as chronic conditions.

Keywords: epithelial barrier integrity; mucosal immune function; immune tolerance; intestinal flora; celiac disease; intestinal barrier; neurochronic diseases; diabetes; heart disease; arthritis; gastroenteritis; inflammatory bowel disease; addiction; headache; inflammation; chronic diseases

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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