

GASTROENTEROLOGY AND DIGESTIVE DISORDERS

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Gut microbiome and colon diseases

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A plenty of research interests have focused on the gut microbiota because of its contribution to immune development, mucosal integrity and the development of diversity of intestinal and extra-intestinal disorders. It has been proved lately that a permanent alteration in microbiota composition or function (dysbiosis) may alter immune responses, metabolism, intestinal integrity and gastrointestinal motility, hence promoting a pro-inflammatory state. Alterations in the dominance and function of the gastrointestinal microbiota have a clear impact on human health and seem to have an important role in the pathogenesis of several gastrointestinal diseases, whether inflammatory, metabolic, or neoplastic ones. Our presentation will focus on latest results showing link between gut microflora and the diverse of GI diseases.

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