

Current Biomarkers in Irritable Bowel Syndrome

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Abstract.

The irritable bowel syndrome is one of the most common gastrointestinal disorders with chronic progression whose diagnosis is often difficult to establish, requiring multiple investigations, long-term treatment, and in the absence of any structural damage, the symptoms are not accompanied by radiological or endoscopic changes and laboratory tests are deficient. The aim of this review is to synthesize the information regarding serum biomarkers, biomarkers from faeces or volatile organic compounds from exhaled air, as studied in patients with irritable bowel syndrome that might be introduced in testing procedures, in order to help diagnose this condition.

Keywords: irritable bowel syndrome, biomarkers, serum, faeces.