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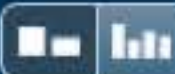
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**Possible role of intestinal stem cells in the pathophysiology of irritable bowel syndrome**

### Abstract

The pathophysiology of irritable bowel syndrome (IBS) is not completely understood. However, several factors are known to play a role in pathophysiology of IBS such as genetics, diet, gut microbiota, gut endocrine cells, stress and low-grade inflammation. Understanding the pathophysiology of IBS may open the way for new treatment





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## Irritable Bowel Syndrome

Medical Condition

A chronic gastrointestinal disorder



Abnormal contraction of muscles



A chronic gastrointestinal disorder that affects the large intestine causing diarrhea, abdominal pain, cramps, bloating and gas.

- Very common (More than 3 million cases per year in US)
- Rarely requires lab test or imaging
- Treatments can help manage condition, no known cure
- Can last several years or be lifelong

The actual cause of irritable bowel syndrome isn't well understood, but





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<https://journals.physiology.org/doi/abs/10.1152/ajpgi.00155.2012>

The **possible role** of gastrointestinal endocrine **cells in the pathophysiology of irritable bowel syndrome** 14 December 2016 | Expert Review of Gastroenterology & Hepatology, Vol. 11, No. 2 **Irritable bowel syndrome** and diet

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