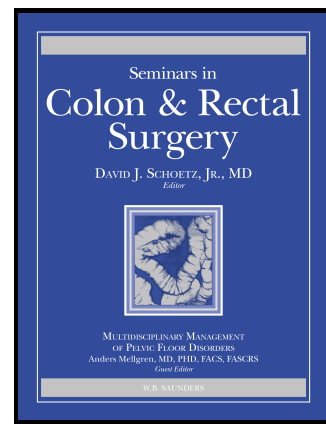


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## **The role of the intestinal microbiota in the pathogenesis and treatment of inflammatory bowel diseases**

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### **Abstract**

In little over a half century, the incidence and prevalence of inflammatory bowel diseases (IBD) has increased dramatically on a time scale that would be difficult to explain by genetic drift. The impact that IBD has on patients, particularly children and young adults, can be devastating, as there are no cures or preventive therapies. Although some insights have been gained in the conceptual development of IBD pathogenesis, the complexity and interplay of genetic, environmental and microbial factors that converge to trigger and sustain human IBD remain unclear. Over the past decade, cultivation-independent investigations together with gnotobiotic models and advances in bioinformatic analysis platforms have dramatically improved our

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