



Inflammatory Bowel Disease and Infection

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Deadline for manuscript
submissions:

closed (27 January 2022)

Message from the Guest Editor

Dear Colleagues,

The connection between inflammatory bowel disease (IBD) and infections was established soon after the classification of both Crohn's disease (CD) and ulcerative colitis (UC). It is now clear that infections play an important role in pathogenesis, clinical course, and disease exacerbations during IBD. Moreover, the disease itself predisposes patients to various infections, and the infection risk rises even higher during therapy, as the most commonly used medications induce immunomodulation and inhibition. Hence, various drugs have been shown to expose patients to specific infectious agents (e.g., tuberculosis, herpes zoster). Furthermore, immunomodulation affects response to vaccinations, thus further increasing patients' exposure to infections. As a consequence, national and international guidelines support screening tests, pretreatment vaccinations, and prophylactic therapy for specific cases. Gathering new information on any of these subjects may lead to a better understanding of the mechanism and risk factors and may help in risk stratification and the development of new therapeutic and prophylactic approaches





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Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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