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## Recent Advances in Intestinal Mucin Research

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Deadline for manuscript  
submissions:

**closed (20 July 2022)**

### **Message from the Guest Editors**

Mucins are the main component of mucus and are responsible for its protective functions. These glycoproteins are encoded by many genes, which expression can be affected by nutrients and microbial metabolites. Mucus formed by mucins covers the absorptive area and constitutes a physical barrier for pathogens and other detrimental factors. Thus, it is an important component of the innate immunity and provides an environment for the intestinal microbiota.

Although many studies have been performed on animals, there are still many aspects that requires further research or remains unknowns.

The aim of this Special Issue is to improve our knowledge in the field of intestinal mucin and mucus layer in livestock and laboratory animals. Therefore, we invite high-quality and original research providing new insights on this topic, including effects of nutritional factors on goblet cells, mucin concentration, mucin gene expression, mucolytic activity of microbiota, relationship between microbial metabolites and mucus layer thickness and others. Submissions focusing on in vitro studies using intestinal cell lines, as well as new methods used for mucin-related studies are also welcomed.



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**Special** Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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