

Special Issue

Advances in Mucin Research

Message from the Guest Editor

Mucins are an important immunomodulatory component of the mucous membranes throughout the body, characterized by their large polymorphic central domain with tandem repeats rich in serine, threonine, and proline residues. Of the several immunological mechanisms in place to protect mucosal linings from their own microbiota, mucins of the mucous membrane aid in preventing translocation of bacteria to the underlying tissue. The secreted and transmembrane mucins have been previously found to be involved with inflammation, and cancer. Additionally, mucins have demonstrated clinical significance in cystic fibrosis, asthma, and other muco-obstructive airway diseases. This special issue aims to examine the advances in mucin research, and broaden our understanding of their role in human biology.

Guest Editor

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