Advances in Oral Administration

Guest Editor:

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Message from the Guest Editor

Oral delivery is a convenient, non-invasive and safe drug administration route, with high patient compliance. However, the oral delivery of protein and peptide drugs (PPDs) remains a huge challenge for scientists. To promote PPD oral bioavailablity, strategies have been developed for instantaneously disrupting the intestinal epithelium, such as opening the tight junction. However, this may trigger an absorption of pathogens and toxins, and result in adverse effects. Another commonly used strategy is to incorporate PPDs within nanocarriers to enhance their active transportation, but the use of various synthetic materials or the toxic organic solvents during preparation may also lead to side effects. Therefore, it is crucial to seek more advanced strategies for the oral delivery of PPDs. In this Special Issue, there will be focus on advances in the oral adminstration of PPDs through research with novelty and originality, which will lay a great platform for the future of the oral delivery of PPDs.

Special Issue

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Message from the Editor-in-Chief

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