

Special Issue

Advances in ETEC Virulence, New Adjuvants, and Vaccine Development

Message from the Guest Editors

Enterotoxigenic *Escherichia coli* (ETEC) strains remain a leading cause of diarrhea in young children and livestock. Adhesins and enterotoxins are known to be required for ETEC infection; however, how these interactions between virulence factors and hosts occur, and the mechanisms of host immune systems are poorly understood. In addition, the heterogeneity of ETEC bacterial virulence factors is a major challenge for the development of a broadly protective vaccine. The aim of this Special Issue is to present the recent advances in this field and cover all topics concerning the molecular pathogenesis, virulence determinants, and control strategies of pathogenic *E. coli*, addressing topics that include but are not limited to: the molecular mechanism of virulence factors, newfound virulence factors contributing to ETEC infection, the mechanisms of invading the host immune system, host-pathogen interactions, new broadly protective vaccines, and new adjuvants applied in ETEC vaccines.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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