

Special Issue

Next Generation Platform for the Production of Biopharmaceuticals

Message from the Guest Editor

To meet the growing demand for biopharmaceuticals, the development of highly efficient production platforms is warranted. Although state-of-the-art industrial manufacturing processes allow productivity of over g/L for numerous monoclonal antibodies, the expansion of the biopharmaceutical industry pipeline with a wide range of non-native proteins, such as bispecific antibodies and fusion proteins, poses questions regarding both the manufacturability and timelines to achieve a commercially viable solution. This Special Issue aims to explore the emerging trends in the platforms and manufacturing processes for the production of biopharmaceuticals. In this Special Issue, original research articles and reviews are welcome. Research areas may include but not be limited to recent advances in mammalian-based production of biopharmaceuticals and manufacturing platforms, alternative mammalian expression platforms, including cell-free and gene-based expression systems, issues in manufacturing therapeutics in a non-native format, etc.

Guest Editor

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