



Therapeutic Monoclonal Antibodies and Antibody Products, Their Optimization and Drug Design in Cancers

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 July 2019)

Message from the Guest Editor

Dear Colleagues,

Therapeutic monoclonal antibodies (mAbs) are not only dominating the current biologics market but also the mainstay for the development of next-generation biologics as a result of their specificity and selectivity.

This Special Issue will cover all aspects of the design, development and optimization of therapeutic monoclonal antibodies. In addition, studies related to protein structure, formulation, pharmacodynamic/pharmacokinetic, immunogenicity, accelerated and prediction results will also be considered. Both experimental and computational approaches can be submitted.

Keywords

- mAbs / Antibody Optimization / Characterization of Antibodies
- Antibody Medicines / Antibody–Drug Conjugates (ADC)
- Bispecific Antibodies / Multispecific Antibodies
- Next-generation Biologics / Single-domain Antibodies (Nanobodies)
- Follow-on Biologics / Formulation of mAbs
- Biosimilars / Biobetters / Engineering of Antibodies
- Pharmacokinetic and Pharmacodynamic Studies of mAbs
- Modeling and simulation of antibody clearance
- Accelerated Studies of mAbs
- Prediction of Long-term Behavior of mAbs
- Simulation and Experimental Studies of mAbs





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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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