



## Monoclonal Antibodies and Their Functional Fragments in Research, Diagnosis and Therapy 2.0

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### Message from the Guest Editors

Dear Colleagues,

Monoclonal antibodies (mAbs) are among the most specialized molecules for the recognition and capture of specific analytes. Hundreds of thousands of mAbs have been generated targeting a large number of different antigens with ever-increasing affinity and specificity and are available for the most diverse purposes. Many of them have been validated as irreplaceable agents for diagnosis and therapy or as unique reagents for research. Others are being developed using a plethora of emerging technologies that provide new molecular tools to overcome the need for animal immunization. This renewed Special Issue will continue to strive to collect prospective visions and to survey new strategic assets adopted by the main research groups engaged in this field, focusing in particular on the generation of new monoclonal or surrogate antibodies, such as Fab, Fab2, ScFv and nanobodies, which have an increasing impact in biomedicine as therapeutic or diagnostic assets in various diseases.

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*Guest Editors*





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## Message from the Editor-in-Chief

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