

Special Issue

Antibody-Based Diagnostics

Message from the Guest Editors

Antibodies are an important and vital constituent of adaptive immunity, with the potential to recognize an essentially unlimited set of foreign molecules (antigens). Antibodies are rapidly made in response to infections and, therefore, they have immense diagnostic value. Finally, due to their specificity and versatility, tailor-made Abs, mainly in the form of monoclonal Abs, can be used diagnostically for measurement of a wide range of analytes/targets, most often in the form of sandwich immunoassays, immunocytochemistry/immunohistochemistry and flow-based cell assays. Such assays are continuously being refined and combined with other techniques, e.g. mass spectrometry, PCR, etc., making Ab-based diagnostics the most important technique in many areas of biomedicine. This Special Issue on antibody-based diagnostics aims to describe current state-of-the-art techniques and applications, as well as newer and emerging uses of antibodies in diagnostics.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Antibodies is a relatively new journal with a major focus on quick dissemination of knowledge related to antibodies, especially how to quickly translate basic research results to therapeutic applications. Because it covers all areas related to antibodies unexpected connections between different areas could be made, leading to major discoveries and opening new fields of research and development. This is enhanced by the large readership of the many antibody-related areas of research. A specific priority area is human monoclonal antibodies for therapy of diseases and aging.

Editor-in-Chief

Prof. Dr. Arne Skerra

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