



Analytical Methodologies for Antibodies

Guest Editors:

Dr. Ming-Ching Hsieh

BioAnalytical Sciences, Eli Lilly
and Company, 22 Imclone Drive,
Branchburg, NJ 08619, USA

Dr. Matthew T. Mazur

BioAnalytical Sciences, Eli Lilly
and Company, 22 Imclone Drive,
Branchburg, NJ 08619, USA

Deadline for manuscript
submissions:

closed (30 March 2018)

Message from the Guest Editors

The advancing knowledge of antibody production, specificity, function, and utility has allowed for an evolution in the impact that these proteins have, ranging from uses as critical assay reagents. This diverse array of applications for polyclonal and monoclonal antibodies requires an analytical toolbox by which to fully characterize these proteins in order to fully understand their molecular properties and implicit function. Analytical techniques continually evolve and have become applicable to probe the chemical composition, structural dynamics, and physical mechanisms which define these highly specialized proteins.

This Special Issue focuses on the analytical methodologies used for the biomolecular understanding of antibody molecules. Emphasizing newly developing and novel analytical approaches, this issue highlights biological, biochemical, and biophysical characterization strategies for the comprehensive understanding of the attributes that define such invaluable protein species.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arne Skerra

Chair of Biological Chemistry,
Technical University of Munich,
Emil-Erlenmeyer-Forum 5, 85354
Freising (Weihenstephan),
Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), PubMed, PMC, Embase, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Drug Discovery*)

Contact Us

Antibodies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antibodies
antibodies@mdpi.com
[X@Antibodies_MDPI](#)