

## Special Issue

# Analytical Methodologies for Antibodies

### 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.

---

### 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)



## Antibodies

---

an Open Access Journal  
by MDPI

---

**Impact Factor 2.7**  
**CiteScore 4.5**  
**Indexed in PubMed**



[mdpi.com/si/9351](https://mdpi.com/si/9351)

*Antibodies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[antibodies@mdpi.com](mailto:antibodies@mdpi.com)

[mdpi.com/journal/  
antibodies](https://mdpi.com/journal/antibodies)





# Antibodies

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 4.5  
Indexed in PubMed



[mdpi.com/journal/  
antibodies](https://mdpi.com/journal/antibodies)



## 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

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

---

### 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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q2 (Drug Discovery)