



# ANALYTICAL BIOCHEMISTRY

Methods in the Biological Sciences

## AUTHOR INFORMATION PACK

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ISSN: 0003-2697

### DESCRIPTION

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The journal's title *Analytical Biochemistry: Methods in the Biological Sciences* declares its broad scope: methods for the basic biological sciences that include biochemistry, molecular genetics, cell biology, proteomics, immunology, bioinformatics and wherever the frontiers of research take the field.

The emphasis is on **methods** from the strictly analytical to the more preparative that would include novel approaches to protein purification as well as improvements in cell and organ culture. The actual techniques are equally inclusive ranging from aptamers to zymology.

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Analytical techniques for biological molecules Aptamer selection and utilization Biosensors Chromatography Cloning, sequencing and mutagenesis Electrochemical methods Electrophoresis Enzyme characterization methods Immunological approaches Mass spectrometry of proteins and nucleic acids Metabolomics Nano level techniques Optical spectroscopy in all its forms The journal is reluctant to include most drug and strictly clinical studies as there are more suitable publication platforms for these types of papers.

Apart from full-length original research papers, the journal also welcomes **Review** papers, and **Notes and Tips** - featuring methods that can be summarized in a shorter format article, including helpful "kitchen tricks".

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The journal's title *Analytical Biochemistry: Methods in the Biological Sciences* declares its broad scope: methods for the basic biological sciences that include biochemistry, molecular genetics, cell biology, proteomics, immunology, bioinformatics and wherever the frontiers of research take the field.

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The journal is reluctant to include most drug and strictly clinical studies as there are more suitable publication platforms for these types of papers.

Apart from full-length original research papers, the journal also welcomes **Review** papers, and **Notes and Tips** featuring methods that can be summarized in a shorter format article, including helpful "kitchen tricks."

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[2] Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

Reference to a book:

[3] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

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[4] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[5] Cancer Research UK, *Cancer statistics reports for the UK*. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

[dataset] [6] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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