

**Editor-in-Chief:**

Professor R.A. Sheldon  
Department of Biocatalysis  
and Organic Chemistry  
Faculty of Applied Sciences  
Delft University of Technology  
Julianalaan 136  
2628 BL Delft  
Netherlands  
Tel.: (+31-15) 2782675  
Fax: (+31-15) 2781415  
e-mail: r.a.sheldon@tnw.delft.nl

**Editors:**

Professor Y. Asano  
Biotechnology Research Center  
Toyama Prefectural University  
5180 Kurokawa, Kosugi  
Toyama 939-0398  
Japan  
Tel.: (+81-766) 567500 ext. 530  
Fax: (+81-766) 562498  
e-mail: asano@pu-toyama.ac.jp

Professor J.D. Stewart  
The University of Florida  
Department of Chemistry  
127 Chemistry Research Building  
Gainesville, FL 32611-7200  
USA  
Tel.: +1 352 846 0743  
Fax: +1 352 846 2095  
e-mail: jds2@chem.ufl.edu

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**Scope**

The *Journal of Molecular Catalysis B: Enzymatic* provides an international forum devoted to research and developments in the applications of **whole-cell and cell-free enzymes as catalysts** in organic synthesis. Emphasis is placed on mechanistic and synthetic aspects of the **biocatalytic transformation**.

The journal publishes papers on:

- industrial applications of enzymatic processes, e.g., in fine chemical synthesis;
- chemo-, regio- and enantioselective transformations;
- screening for biocatalysts;
- integration of biocatalytic and chemical steps in organic synthesis;
- novel biocatalysts, e.g., enzymes for extremophiles and catalytic antibodies;
- enzyme immobilization and stabilization, particularly in non-conventional media;
- bioprocess engineering aspects, e.g., membrane bioreactors;
- improvement of catalytic performance of enzymes, e.g., by protein engineering or chemical modification;
- structural studies, including computer simulation, relating to substrate specificity and reaction selectivity;
- biomimetic studies related to enzymatic transformations.

**Types of contribution**

- Letters (maximum 1500 words; will receive preferential treatment in editorial processing)
- Original Papers
- Invited Subject Reviews
- Book Reviews
- Conference Announcements and News

**Frequency**

The journal appears eight times a year.