

# Special Issue

## Chemotaxis Models and Their Applications in Biology

### Message from the Guest Editor

As an essential tool in interdisciplinary research bridging mathematics and the life sciences, chemotaxis models play an irreplaceable role in elucidating key biological processes such as directed cell migration, bacterial chemotactic behavior, tumor invasion and metastasis, immune response regulation, and tissue development. This Special Issue aims to gather the latest research advances in the field, providing an in-depth discussion of the mathematical theoretical frameworks, numerical methods, and profound insights offered by various chemotaxis models in understanding complex biological mechanisms.

### Guest Editor

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### Deadline for manuscript submissions

31 August 2026



## Mathematics

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CiteScore 4.6



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### Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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