

# Special Issue

## Analysis and Numerical Simulation for the Dynamics of Infectious Diseases with Applications in Medicine

### Message from the Guest Editors

Dear Colleague, We invite original and compelling results obtained from modern computational techniques utilising theoretical, experimental, and applied aspects of (fractional) dynamic systems in biosciences; detours from this are welcomed. It is necessary for these papers to be strongly grounded in high-level mathematics. Note that submitted papers should explicitly meet the aims and scope of this journal. The papers should be written in English and carefully checked for correct grammar and spelling. Each paper should clearly indicate the nature of its scientific contribution. Manuscripts should be prepared using LaTeX and follow the journal's instruction. Submission of a manuscript will be understood to mean that the paper is not being considered for publication elsewhere. Papers that are not prepared according to the above instructions or are badly written will be immediately rejected. All papers will be subject to a peer review process.

### Guest Editors

Prof. Dr. Amar Debbouche

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### Deadline for manuscript submissions

closed (31 October 2025)



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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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### Editor-in-Chief

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#### High Visibility:

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