RECENT ADVANCES OF MATHEMATICS
AND INFORMATICS FOR BIOSCIENCES

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DESCRIPTION

The International Conference on Recent Advances in Mathematics and Informatics, ICRAMI 2021 which will be held in Tebessa, Algeria during September 21 - 22, 2021 (http:/ /icrami.cf/). ICRAMI is a refereed conference emphasizing on different topics of applied mathematics and computer science. Based on talks to be presented at ICRAMI 2020, a special issue entitled "Recent Advances of Mathematics and Informatics for Biosciences" will be published in the journal, Computational and Mathematical Biophysics (CMB). This special issue will focus on the recent development of math and data science modelling, analysis and applications from theoretical and numerical perspectives in biological sciences.

Published by De Gruyter, Computational and Mathematical Biophysics (CMB), https:/ /www.degruyter.com/view/j/cmb, is the formal continuation of Molecular Based Mathematical Biology. The mission of CMB is to publish the highest quality work that promotes the development of theoretical formulations, mathematical models, numerical algorithms, and computational techniques for elucidating molecular mechanisms and for solving open problems at the forefront of molecular bioscience and biophysics.

Original papers and high-quality review articles are solicited from participants of the ICRAMI conference. Moreover, submissions of contributions are also welcome from researchers in the field who will not personally attend the conference, on topics otherwise close to the special issue themes. Potential topics include, but are not limited to:

- Models based on Analytical, Numerical, and Experimental Solutions
- Mathematical Epidemiology
- Mathematical Methods for Biological Processes
- Ordinary and Partial Differential Equations: Theory and Applications
- Mathematical Ecology
Before submission authors should carefully read over the author guidelines, which are located at https://www.degruyter.com/view/j/cmb. All manuscripts are subject to the standard peer review process with at least two reviewers. A thorough check will be performed and guest editors will check for any significant similarity between the manuscript under consideration and any published papers. Please note the publisher has waived the Article Processing Charges for this special issue, but articles will be open-access in accordance with the overall goals of the journal. Prospective authors should submit their manuscript online at https://www.editorialmanager.com/mlbmb/default.aspx, and select the Article Type as this special issue.

Important Dates:
Open for submission: August 1st, 2021
Manuscript Due: October 9th, 2021
First round of reviews: November 25th, 2021
Final decision: December 31st, 2021

Note that submissions without potential biological applications will be returned without reviewing.