

Special Issue

Mathematical Biology and Game Theory

Message from the Guest Editors

We are seeking manuscripts that build and/or analyze game-theoretical models of biological scenarios. We welcome theoretical papers analyzing evolutionary dynamics, adaptive dynamics, evolutionarily stable strategies, and other game-theoretical notions related to mathematical biology. We also solicit papers that apply game theory directly to specific biological problems. Manuscripts applying game-theory to mating, sex allocation, signaling, food competition and foraging in general, the evolution of cooperation, hierarchy formation, predator–prey and host–parasite interactions and coevolution, coevolution of mutualists, epidemics and cancer biology modeling, and speciation are especially welcome. Dr. Mark Broom

Dr. Jan Rychtar

Guest Editors

Dr. Mark Broom

Dr. Igor Erovenko

Dr. Jan Rychtar

Dr. Shan Sun

Deadline for manuscript submissions

closed (31 October 2018)



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Games
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
games@mdpi.com

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Editors-in-Chief

Prof. Dr. Ulrich Berger

WU Vienna, Department of Economics, Welthandelsplatz 1, 1020 Wien,
Austria

Prof. Dr. Kjell Hausken

Faculty of Science and Technology, University of Stavanger, 4036
Stavanger, Norway

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