



## Mathematical Biology and Game Theory

Guest Editors:

**Dr. Mark Broom**

**Dr. Igor Erovenko**

**Dr. Jan Rychtar**

**Dr. Shan Sun**

Deadline for manuscript  
submissions:

**closed (31 October 2018)**

### Message from the Guest Editors

Dear Colleagues,

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.

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*Guest Editors*

