



Biological Networks

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Message from the Guest Editors

Dear Colleagues,

Biological networks describe systems of interacting components that provide context-specific responses. Networks pervade biology, governing biological processes at all scales, from subcellular protein signaling to entire ecosystems. An underlying characteristic of biological networks is the inherently robust response to stimuli/perturbations that are “greater than the sum of its parts”.

This special issue on “Biological Networks” aims to curate novel advances in the development and application of network modeling and systems analysis to address longstanding challenges in biology. Topics include, but are not limited to:

1. **Development** of new tools to interrogate biological networks
2. **Prediction** of emergent biological phenomena through mathematical modeling
3. **Analysis** of robust biological responses to uncover underlying design principles





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Message from the Editor-in-Chief

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