



Innovative Instrument Setting and Software Development for Organismic Biology and Behavior Analysis

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Message from the Guest Editor

We are excited to invite you to contribute to a Special Issue of *Inventions* dedicated to showcasing cutting-edge innovations in the field of new instrument and software development for organismic biology and behavior analysis. In recent years, there have been remarkable advances in technologies and methodologies that have revolutionized our understanding of organisms and their behaviors. This Special Issue aims to bring together researchers, scientists, and experts from diverse backgrounds to explore these groundbreaking inventions and their applications in the context of organismic biology and behavior analysis, especially those with a focus on new innovative instrument settings and software development. We are seeking original research papers, reviews, and methodological studies that highlight novel inventions, tools, and techniques with the potential to transform our ability to study and interpret the physiology and behaviors of organisms, from microorganisms to complex ecosystems. Contributions are encouraged from fields such as genetics, neuroscience, ecology, ethology, and computational biology, among others.





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