

Special Issue

Exploitation and Utilization Silkworm in Biological, Nutritional and Pharmaceutical Fields

Message from the Guest Editor

Silkworm is an important economic insect around the world. The silkworm genome has been revealed, making it an excellent model organism for biological research, such as for the study of disease models, toxicology, drug metabolism, etc. Baculovirus, a major virus for the silkworm, has been utilized as a protein expression vector with high productivity and functionality. The study of silkworm, baculovirus, and the utilization of silkworm as a bioreactor for producing recombinant proteins and vaccines has become increasingly attractive to scientists. This Special Issue seeks high-quality works focusing on the latest research advances in the utilization of silkworm as a bioreactor, and as a model organism in various aspects. Topics include, but are not limited to:

- Silkworm engineering for efficient silk production or improved economic traits;
- Silkworm as a model organism in disease study, toxicology, drug metabolism, pesticide chemistry, food nutrition, etc.;
- Silkworm as a bioreactor for producing recombinant protein with appropriate PTMs and biological activities.

Guest Editor

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Editor-in-Chief

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