insects

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

Indexed in: PubMed

CITESCORE 5.1

Advances in the Use of Insect Cell Culture and Biotechnology

Guest Editors:

Dr. Mike J. Goblirsch
Thad Cochran Southern Horticultural Laboratory, Agricultural Research Service, U.S. Department Agriculture, 810 Highway 26 West, Poplarville, MS, USA

Dr. Wayne B. Hunter
U.S. Department Agriculture, Agricultural Research Service, U.S. Horticultural Research Laboratory, 2001 South Rock Road, Fort Pierce, FL, USA

Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

Arthropod cell culture systems are foundational for studying cell processes like metabolism; isolating and characterizing viruses (e.g., baculoviruses, rhabdoviruses), endosymbionts (e.g., *Wolbachia* sp.), or Mollicutes. Moreover, genetic engineering coupled with insect cell culture has spurred the mass production of recombinant proteins of human and animal importance.

Our goal for this Special Issue is to highlight recent advances in the use of insect cells. We welcome manuscripts on the generation, preservation, and use of new and existing insect cell lines. Furthermore, we seek original research on applications of arthropod cells for understanding host–microbe relationships (symbiotic or pathogenic). Special consideration will be given to manuscripts that focus on the utilization of insect and other arthropod cells to elucidate zoonotic diseases.

mdpi.com/si/54120

Special Issue