



TECHNOLOGY

Continuous Particle Separation

OVERVIEW

Separation of biological particles - specifically separation of Polyhedral Inclusion Bodies (PIBs) - from tissue and debris associated with production of virus using insect hosts, is a very difficult procedure. Typically separation is not accomplished. Instead the host insect is processed in its entirety leading to a very impure and diluted final product.

Researchers at the University of Maryland, Engineering Research Center, invented and have proven a continuous manufacturing process that improves the potency of virus products made using insect hosts.

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

U.S. Patent 5,080,807

LICENSE STATUS

Available for exclusive license

EXTERNAL RESOURCES

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