

EXOSOME PRODUCTION

SCALABLE, TRANSLATION-FRIENDLY
PROCESS

MANUFACTURE OF EXTRACELLULAR VESICLES (EV)

ABL has adopted RoosterBio®'s platform to bring to you a consistent, high-yield EV process coupled with our quality-driven cGMP manufacturing capabilities to help make your next generation exosome-based products a reality.

Exosomes & Extracellular Vesicles:

- Therapeutic Agents for cancer, cardiovascular and neurodegenerative disease treatments
- Next Generation Drug Delivery Vehicles
- Diagnostic applications

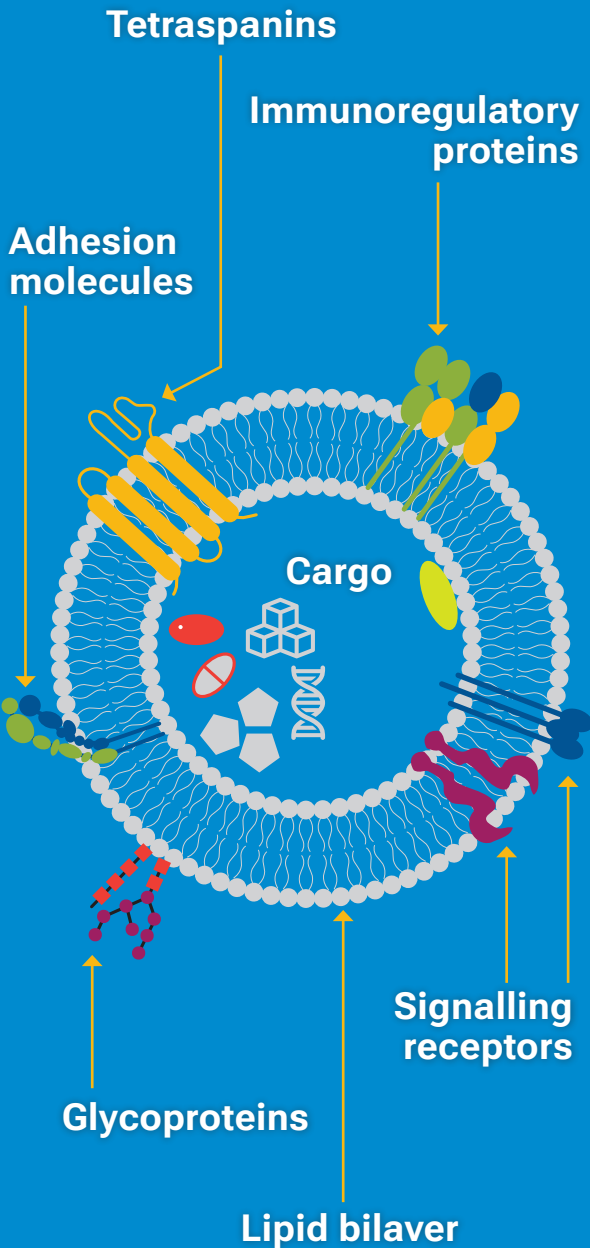


RoosterBio® products shorten the time required to implement Extracellular vesicles (EVs) and quickly reach unprecedented production efficiencies.

- Quality, well defined raw materials
- Optimized, scalable processes and protocols
- Consistent CMC and process



- Proven process for hMSC-based EV production
- Scalability for large scale clinical production
- Diversity of adherent and suspension production platforms
- Bringing decades of cGMP experience to your next generation exosome program



ABL is the ideal partner to help bring your innovative EV-based products to the clinic.



9800 Medical Center Drive, Building D, Rockville, MD 20850 USA
Toll Free: 800-225-5600 info@ablinc.com

COMPREHENSIVE GMP MANUFACTURING SUPPORT



Process design



Process feasibility



Upstream and/or downstream
process development



Assay development and qualification



Master and working cell
and virus banks



Scale-up and engineering run(s)



GMP bulk drug substance



GMP aseptic fill/finish



Analytical lot release testing



ICH stability testing



Chemistry, manufacturing
and controls support



ADVANCED BIOSCIENCE LABORATORIES

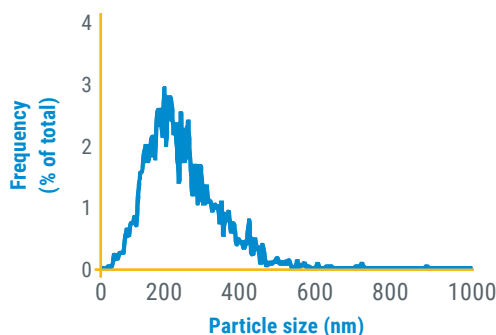
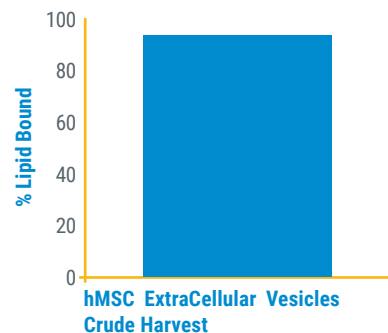
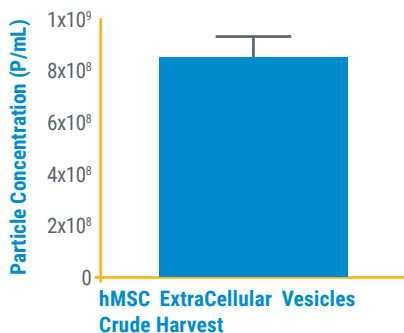
PROVEN PLATFORM RADICAL PRODUCTIVITY

ROBUST, SCALABLE, AND HIGH-YIELDING CELL CULTURE PROCESS FOR EVs

Challenge: Creating a consistent, reproducible and scalable EV process that drives excellent yield.

Solution:

- Established 2D expansion and EV collection methods
- Well-characterized, consistent starting material with regulatory support package
- Tailored purification strategies for various applications
- Seamless transition from R&D to PD to cGMP production



Accelerate your program with ABL

- Feasibility and development services
- 2D and 3D culture platforms
- cGMP facilities for clinical supply
- Analytical support and QC testing
- Aseptic Fill/Finish

Looking for more efficiency or greater yield from your EV process? Contact us at info@ablinc.com



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