



RoosterVial™ MSCs

XENO-FREE (XF) HUMAN MESENCHYMAL STEM/STROMAL CELLS



An off-the-shelf hMSC Working Cell Bank (WCB), RoosterVial hMSCs are available in xeno-free (XF) formats for research and product development, DEV+ formats for pre-clinical development, and cGMP CliniControl™ (CC) formats for allogeneic clinical manufacturing.

From tissue procurement to final cell bank, hMSC manufacturing is a lengthy, resource-intensive process with multiple opportunities for failure. RoosterBio bypasses these challenges with off-the-shelf hMSCs sourced from healthy donors and screened to meet the quality and safety requirements for their intended use. Following tissue procurement, hMSCs are isolated and expanded using a standardized process, banked, and rigorously characterized for safety, identity, and functional attributes prior to release to ensure consistent starting material. A single Working Cell Bank vial can manufacture billions of MSCs or trillions of EVs when paired with RoosterBio media and established scalable 2D and 3D processes.

For clinical programs, cGMP CliniControl RoosterVial hMSCs are manufactured under cGMP from GTP sourced tissues and supported by U.S. FDA Type II Master Files for use as starting materials in advanced cell and extracellular vesicle (EV) therapeutics. RoosterVial-DEV+ hMSCs are a pre-clinical development tool derived from the same cGMP Master Cell Banks as the CliniControl products.

PRODUCT FEATURES

Xeno-Free | cGMP Formats Available

Multiple Tissues | Multiple Donors

cGMP Format Supported by FDA Type II Master File for Streamlined Regulatory Submissions

>10-fold Expansion in Four to Five Days when Cultured with RoosterNourish

Easy to Follow Expansion Protocols for 2D & 3D Scalable Manufacturing of hMSCs and hMSC-EVs

Comprehensive, Lot-Specific Characterization Package

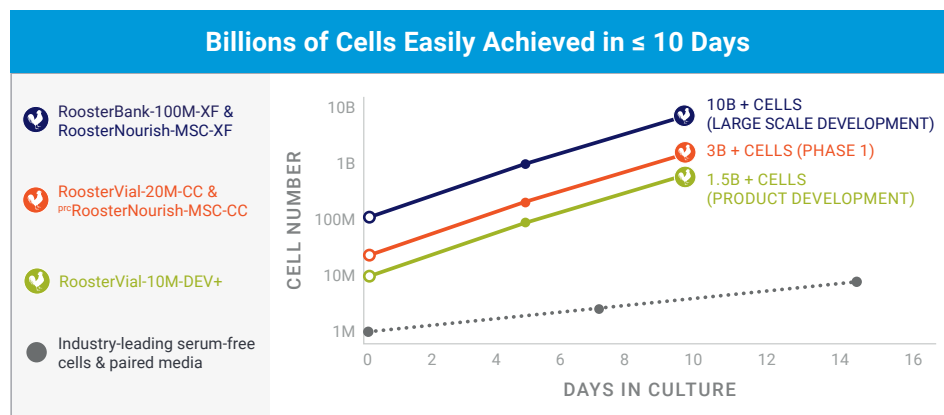


Fig 1

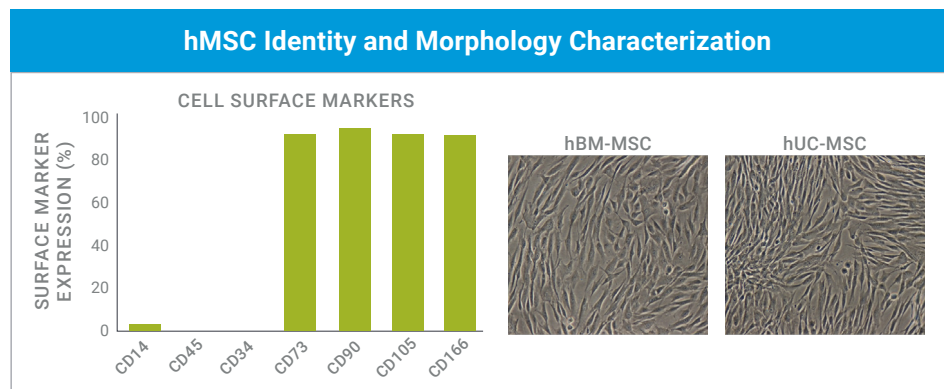


Fig 2

**ONE PLATFORM.
ONE PARTNER.
FROM DISCOVERY
THROUGH THE CLINIC.**



Fig 1. RoosterVial outperforms leading industry systems when used alongside RoosterNourish™ media and following recommended expansion protocols.

Fig 2. (a) RoosterVial hMSCs vials meet ISCT guidelines for hMSC surface protein expression, as well as (b) exhibit healthy hMSC morphology from seeding through expansion.

SCALABLE TO BILLIONS OF hMSCS TO POWER THE NEXT ADVANCED THERAPEUTIC CANDIDATES

