



# RoosterNourish™

## MESENCHYMAL STROMAL CELL (MSC) EXPANSION MEDIA



**A Xeno-free (XF) bioprocess media, RoosterNourish-MSC enables 2D batch and 3D bioreactor fed-batch processes free from media-exchange for highly productive, translation-ready hMSC manufacturing.**

Engineered to increase hMSC yields while reducing overall manufacturing costs and time, RoosterBio's bioprocess media used alongside our high-volume hMSCs delivers unparalleled productivity to product developers with processes that can be taken into cGMP and clinical manufacturing. RoosterNourish supports expansion of hMSCs in 2D as well as in scalable high-volume 3D bioreactor fed-batch systems when utilized in combination with RoosterReplenish™ bioreactor feed.

RoosterNourish-MSC is manufactured to the highest quality standards and free of any animal-derived components. cGMP and pathogen reduced component (prc) formats are backed by quality documentation to facilitate your regulatory process and drive expansion of allogeneic and autologous therapeutic manufacturing.

### PRODUCT FEATURES

Xeno-free

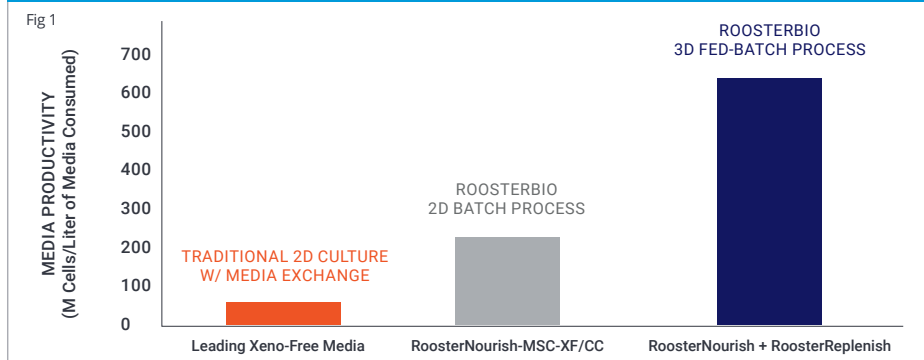
Available in a cGMP Compliant & prc Formats\*

Fed-Batch (3D) Culture with RoosterReplenish

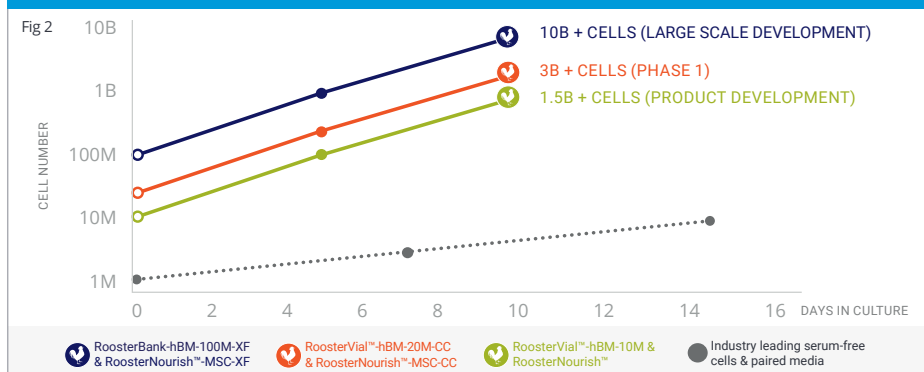
500 mL bottle, 10 L bag, & Custom Fill Volumes

\*prcRoosterReplenish-MSC-CC is a cGMP manufactured format with "pathogen reduced components" (prc) for increased regulatory profile.

### A Media Engineered to Enhance Media Productivity Reduces hMSC Manufacturing Costs



### RoosterNourish Enables a Rapid hMSC Manufacturing System



AN hMSC MANUFACTURING SYSTEM PROVIDING > 2-FOLD MORE hMSCS PER DOLLAR THAN LEADING SERUM-FREE SYSTEM

**63% REDUCTION IN TOTAL MEDIA CONSUMED** —&— **66% REDUCTION IN MANUFACTURING DAYS**

### PRODUCT BENEFITS

- Eliminates Media Exchange
- Streamlines Culture & Reduces In-Process Risk
- Increases Final hMSC Yields
- Part of a Complete, Translation-Ready Solution

**GAIN CONTROL OF YOUR hMSC SUPPLY CHAIN, FROM DISCOVERY THROUGH CLINICAL AND COMMERCIAL MANUFACTURING.**



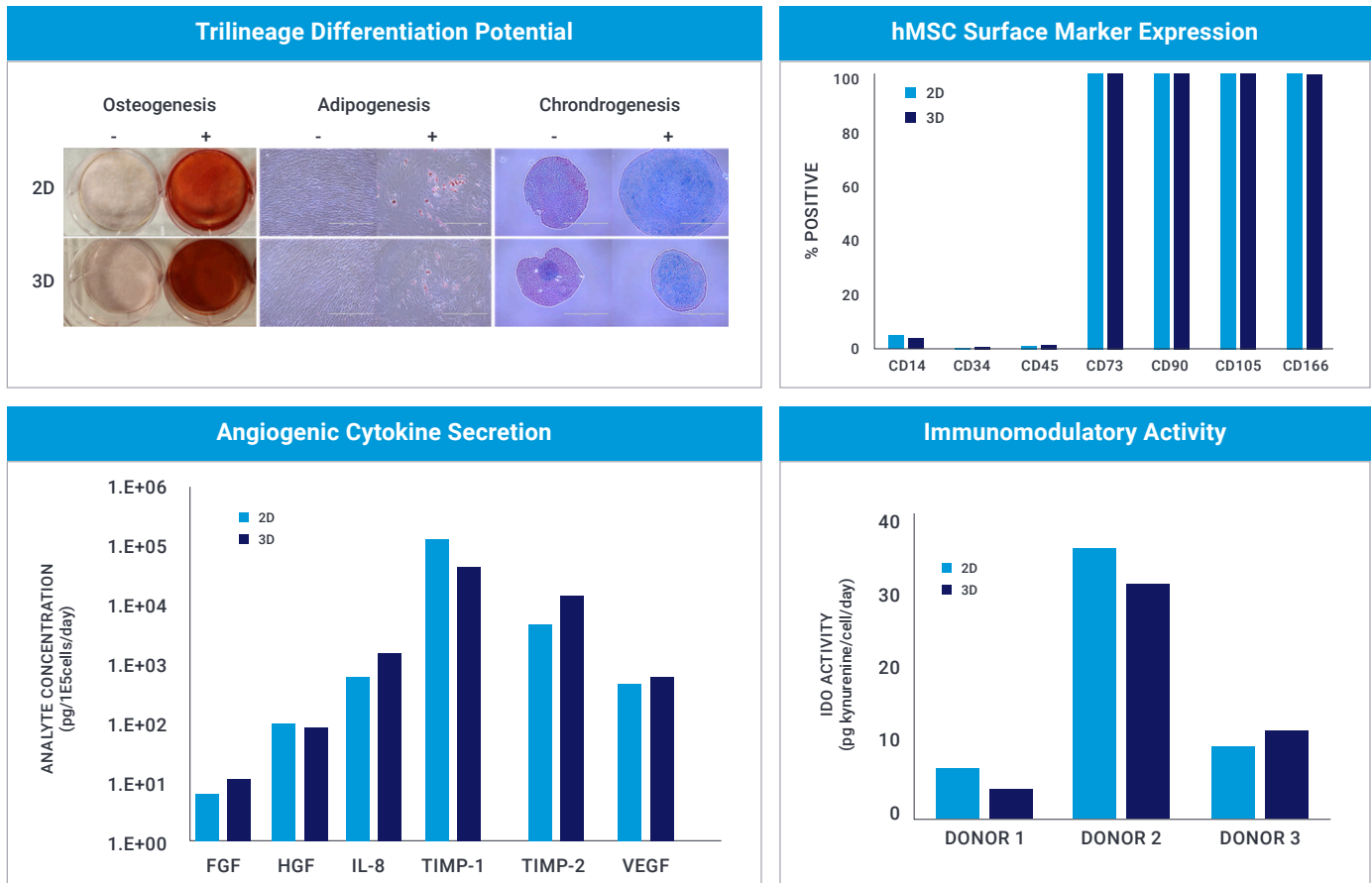
Fig 1 & 2. RoosterNourish-MSC-XF and cGMP RoosterNourish-MSC-CC are engineered to increase media productivity and radically outperform leading serum-free expansion media. When used alongside our highly productive hMSCs and processes, achieve unparallel hMSC yields to meet your product development and clinical manufacturing needs.

# ENGINEERED TO DRIVE UNPARALLELED COST SAVINGS WITH A DIRECT PATH TO cGMP hMSC MANUFACTURING

## Applications of RoosterNourish™

CELL & GENE THERAPY | EXOSOME / EXTRACELLULAR VESICLE PRODUCTION | TISSUE ENGINEERING

### We Lead with Quality: Demonstrated Consistency & Comparability in RoosterBio's 2D Batch & 3D Fed-Batch Systems



### PRODUCT INFORMATION

| PRODUCT                              | SKU / CATALOG # | UNIT SIZE                                                                              | INTENDED USE                       |
|--------------------------------------|-----------------|----------------------------------------------------------------------------------------|------------------------------------|
| RoosterNourish-XF                    | KT-016          | 500 mL bottle of RoosterBasal-MSC and 10 mL bottle of RoosterBooster-MSC-XF            | For Research Use Only              |
| RoosterNourish-MSC-CC                | KT-021          | 500mL bottle of cGMP RoosterBasal-MSC-CC and 10mL bottle of cGMP RoosterBooster-MSC-CC | For Further Manufacturing Use Only |
| <sup>PRC</sup> RoosterNourish-MSC-CC | K81001          | 10L of cGMP RoosterBasal-MSC-CC and 2x100mL bags of cGMP RoosterBooster-MSC-CC         | For Further Manufacturing Use Only |

Available in Custom Fill Volumes & Formats



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RoosterBio, Inc is a privately held manufacturing platform technology company based in Frederick, MD focused on accelerating the development of a sustainable regenerative medicine industry, one customer at a time.