

Cell & Stem Cell Research

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Single use technologies support large scale manufacturing of cellular therapies

Aletta Schnitzler and Julie Murrell
EMD Millipore Corporation, USA

As innovators move closer to clinical success, a gap in the ability to cost effectively manufacture cell therapies has been identified. To address this gap, we have demonstrated the use of single-use expansion and harvest systems that robustly expand and recover a variety of stem cells. An additional contributor to the system is the inclusion of high quality reagents that are animal origin free, lead to better yields and are supplied with a strong regulatory dossier. We will present data regarding ease of use, yield, viability and characterization for full solution expansion and harvest of manufactured cell therapies. Start to finish solutions for expansion and harvest are key enabling technologies for success in commercializing cell therapies.

julie.murrell@emdmillipore.com

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