

CCRM's On-Site Equipment and Capabilities

CAR-T

Automated, Closed and Integrated System

- Thaw - Manual
- Thaw - Smart-Max
- PBMC Isolation – Sepax C-Pro
- CD3 Selection - CliniMACS
- T cell Activation – Shake-flask
- LVV Addition – Sepax C-Pro
- Static Culture – Shake-flask
- Reactor Culture – Xuri 10, Xuri 50 Reactors
- Harvest and Wash – Sefia S-2000
- Formulation – Sefia S-2000
- Cryopreservation – Cryobags

SCALING

Upstream Processing

- Xuri W25
- DASbox Suite (24 x 250 mL)
- XDR-10
- XDR-50

Custom Media Development

- Hamilton Liquid-handling Robot
- Integrated incubators/analytics with uHPLC-ESI-Triple ToF 6600 Mass Spec

Analytical Testing

- Beckman, Galios Flow Cytometer
- Cheometec, NC200 Cell Counter
- Agilent, AriaMx qPCR
- Bioteck, Synergy HTX Plate Reader BSC
- Incubators, Refrigerators, -80° Freezer

VIRAL VECTOR

Downstream Processing

- Krosflow KR2i
- Sefia S-2000
- AKTA

Cell Characterization & Metabolomics

- Sciex uHPLC-ESI-Triple ToF6600 Mass Spec

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