Along with highly collaborative project management, Waisman Biomanufacturing (WB) offers broad cell banking and cell therapy manufacturing services to meet your project needs and budget. WB maintains five ISO 7 cell processing suites equipped for CGMP cell banking and manufacturing of cell therapy products for human clinical trials.

**Cell Therapy Services**
- Experience with pluripotent stem cells (ESCs/iPSCs), Mesenchymal Stromal Cells (MSCs), and a variety of allogeneic cell therapy lines
- Suspension / adherent cell capabilities including multi-tray adherent production / single-use bioreactors
- Harvest and washing by continuous centrifugation technologies (e.g. kSep/LOVO)
- Vial / cryobag packaging formats
- Aseptic Process Simulation (media fill) studies
- Full Quality Control support

**Cell Bank Capabilities**
- Custom Cell Bank sizes, typically 200-500 vials
- Controlled Rate Freezers for cryopreservation
- Controlled/documented vapor phase liquid nitrogen storage
- In-house QC testing and qualified contract vendors for cell line characterization and adventitious agent testing

**Quality and Regulatory**
- QA-audited Certificate of Analysis and batch records
- Full-support for IND filing including manufacturing summaries, CMC write-up, and letter of authorization to cross-reference Facility Master File

**Additional Areas of Expertise Include:**
- Plasmid DNA
- Bacterial & Mammalian Protein Production
- Viral Vaccines and Gene Therapy Vectors
- Live Bacterial Therapeutics
- Aseptic Fill

Waisman Biomanufacturing has over 20 years experience manufacturing hundreds of clinical grade products and has earned a reputation as a strategic partner for cost effective and timely delivery. We strive to meet these high standards with each manufacturing campaign or development program.