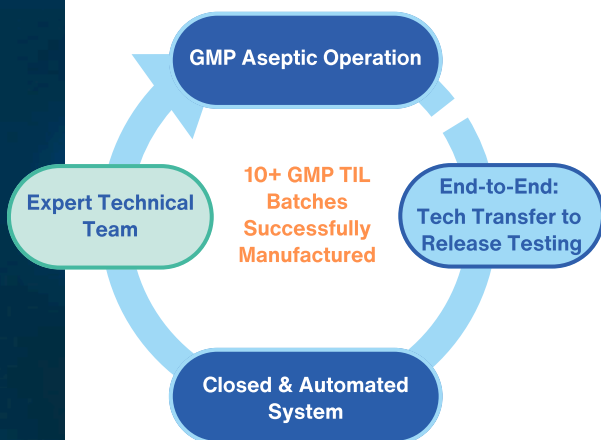


Your Trusted TIL Manufacturing CDMO

uBriGene Biosciences is a global cell and gene therapy CDMO with proven expertise in complex TIL manufacturing, supported by **over 10 successful GMP batches**.

Our proprietary, **simplified, and closed automated system** enables **potent TIL production in just three weeks**, combining precision, consistency, and scalability.

Why Choose uBriGene for Your TIL Programs?



- **Simplified & Automated TIL Manufacturing processes** – Reduce open handling and contamination risk
- **Integrated End-to-End Services** – from viral vector, RNA-LNP to TIL manufacturing.
- **Experienced TIL experts** – Dedicated scientific team committed to collaboration.
- **Global cell and gene CDMO footprint**

Highly Potent TILs Manufactured by uBriGene

We provide **rapid/comprehensive QC release testing**, including viability, potency, purity, and safety.

Yield & Viability – TILs derived from both lung and melanoma tumor samples exhibited consistently high cell yield and viability throughout the manufacturing process.

Purity – Expanded TILs showed a consistently high proportion of CD4⁺ and CD8⁺ subsets, with minimal monocyte and NK cell contamination.

Potency – Potency and IFN- γ release assays confirmed strong TIL functionality, highlighting a robust, reproducible, and scalable expansion process suitable for clinical manufacturing.

Simplified and Automated TIL Manufacturing

As an experienced cell and gene therapy CDMO, uBriGene addresses key pain points in TIL manufacturing process simplification and automation.

We have successfully expanded TILs ex vivo to clinical doses, incorporating: G-Rex, Wave 25 Rocker Bioreactor, Sepax C-Pro Cell processing System, and Lovo cell processing system.

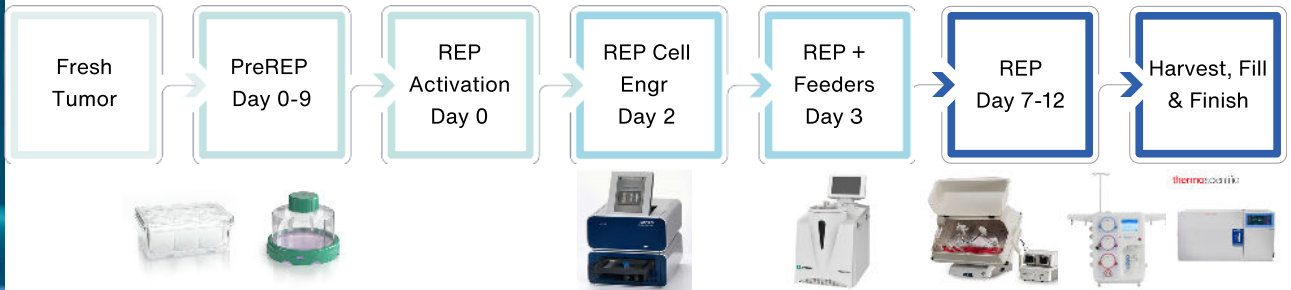


Figure 1. Schematic representation of the preREP and REP TIL manufacturing process.

Robust TIL Growth using Our Simplified Manufacturing Process

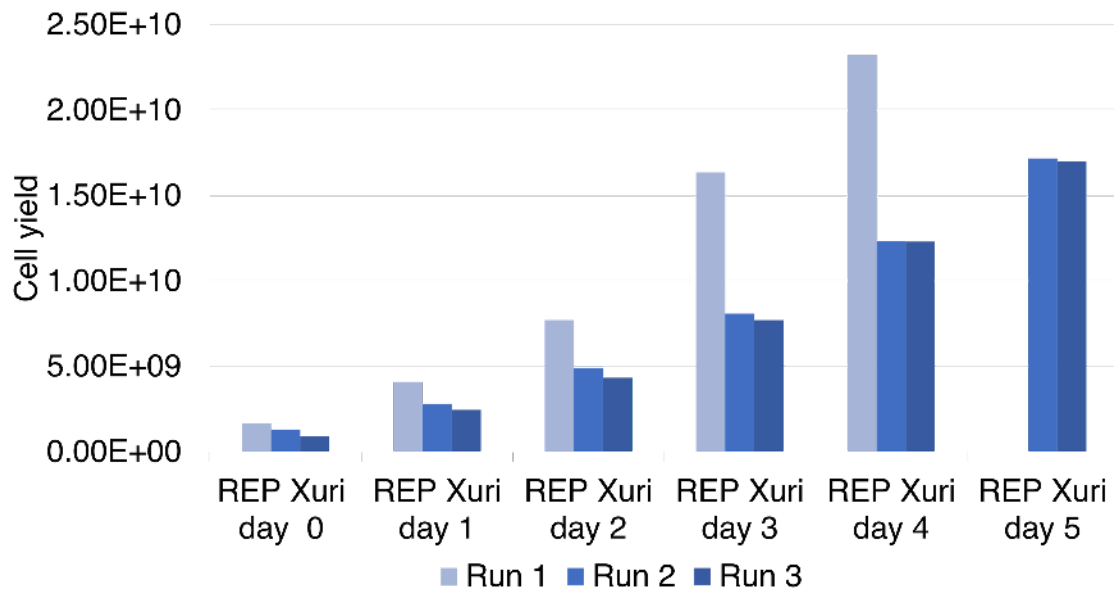


Figure 2. Growth kinetics of TILs during expansion in the Xuri Cell Expansion System

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