

CDMO Service Platform Cell Therapy

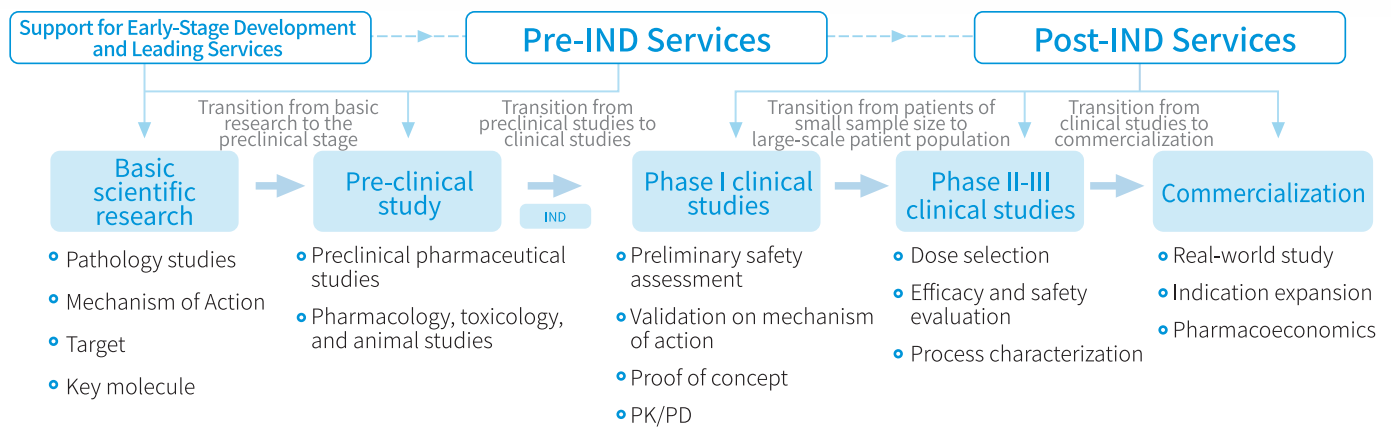
- Rapid CAR-T manufacturing (24 h) with high transduction efficiency
- Large-scale MSC manufacturing, cell factory/microcarrier suspension process
- Autologous cell therapy: CAR-T, TCR-T, etc.;
- Allogeneic cell therapy: U-CAR-T, NK, CAR-NK, $\gamma\delta$ T, HSC, etc. (Manufacturing scale of allogeneic cell therapy: 5 - 50 L)
- Multiple independent cell culture operation rooms with intelligent interlocking control of pressure differential gradients, equipped with large-scale electroporation equipment
- Clean area > 4,000 m², with dynamic Class B + A cleanroom facilities

Precision in CMC excellence in quality

Comprehensive development assurance from analytical procedure development to cGMP production

Comprehensive Solution

Research and development services for gene vectors such as plasmids, adeno-associated viruses, lentiviruses, adenoviruses, and exosome drug carriers. Services for gene function research, including cell assays, animal studies, exosome studies, testing services, etc.



Specification

Activity	Biochemical	Physicochemical Properties	Impurities	Safety
<ul style="list-style-type: none"> • Cell killing • Cytokine release and IFN-γ • CAR gene identification • CD4/CD8 ratio • Memory phenotype TCM/TSCM/TEFF/TEM • Active markers, exhaustion markers 	<ul style="list-style-type: none"> • Cell count • Cell viability • CAR expression positive rate • CAR copy number • T cell ratio (CD3+) • NK Cell Core Phenotype (CD3CD56+CD16+) 	<ul style="list-style-type: none"> • pH • Appearance • Osmolality 	<ul style="list-style-type: none"> • Cytokine residue • T-reg • CD19+ 	<ul style="list-style-type: none"> • Mycoplasma • Sterility • Endotoxin • Replication competent lentivirus (RCL)

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For more information



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