RICOH
imagine. change.

Ricoh Biosciences, Inc.

Custom iPSC Differentiation

www.biosciences.ricoh.com

Custom iPSC Differentiation

Human-relevant cells.
Without building a platform.

Ricoh Biosciences provides **scalable iPSC differentiation services** to generate **functional, human-based cell types** from your iPSC lines or sourced patient-derived lines. We deliver large-scale, highly consistent, assay-ready cells with rigorous characterization.

Project Deliverables

Every custom iPSC differentiation project is tailored to your experimental goals and downstream applications.

Differentiated Target Cell Type(s)
Cryopreserved differentiated cell types from your iPSC line, or ours, aligned to your phenotype and endpoint.

Optimized Media & Supplements
Optimized culture supplements tailored to your target cell type.

Comprehensive QC Packages
Identity, purity, viability and sterility readouts—built for reproducibility and confidence.

Scientific Collaboration
End-to-end support—from feasibility planning through troubleshooting and data interpretation.

Validated Differentiation Workflows

Established, optimized protocols that eliminate 6–12 month build cycles and reduce technical risk.

Assay-Ready iPSC-Derived Cells

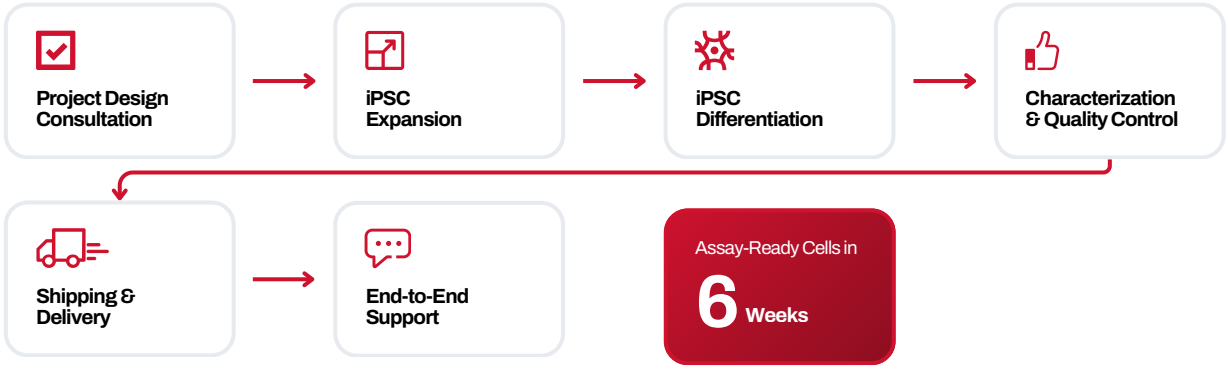
Fully characterized, cryopreserved cells delivered at defined QC thresholds—ready for immediate use.

Predictable, Scalable Execution

Defined identity criteria and batch-level QC ensure reproducible performance across programs.

Our Workflow

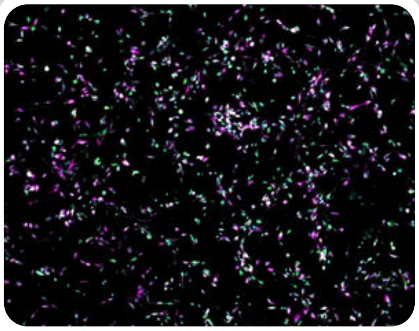
Every custom iPSC differentiation project is tailored to your experimental goals and downstream applications.



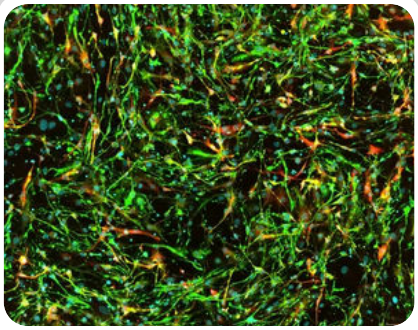
Custom iPSC Differentiation

Assay-ready, human cell types. **Built for real programs.**

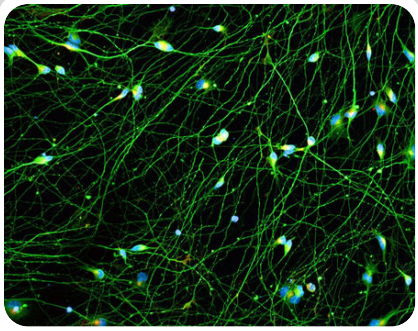
Defined identity thresholds. Functional validation. Reproducible batch-level QC. Powered by **Quick-Tissue™ technology**.



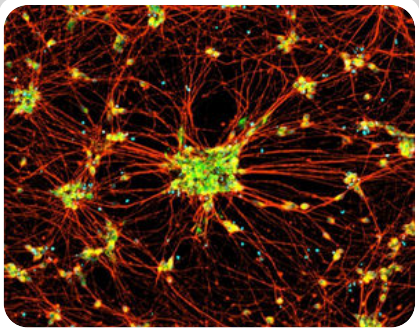
QUICK-GLIA™
Microglia



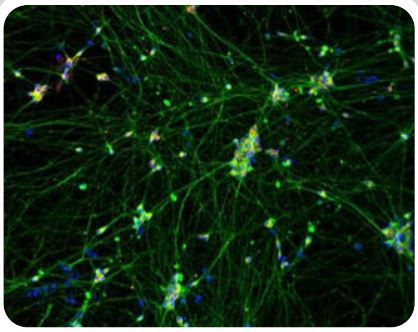
QUICK-GLIA™
Astrocytes



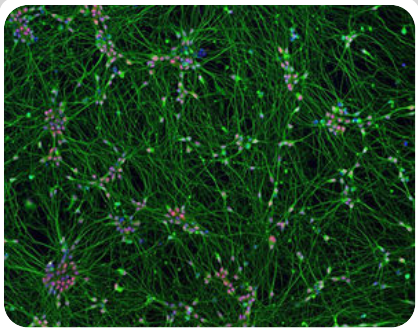
QUICK-NEURON™
Excitatory Neurons



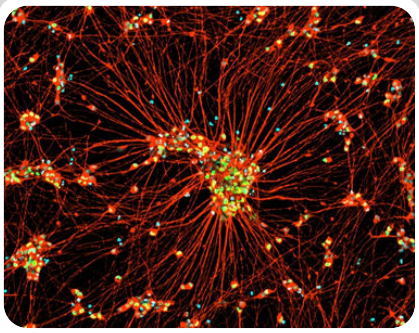
QUICK-NEURON™
Cholinergic Neurons



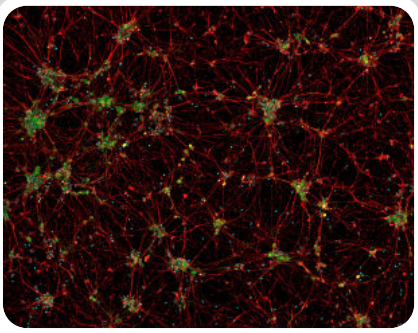
QUICK-NEURON™
Dopaminergic Neurons



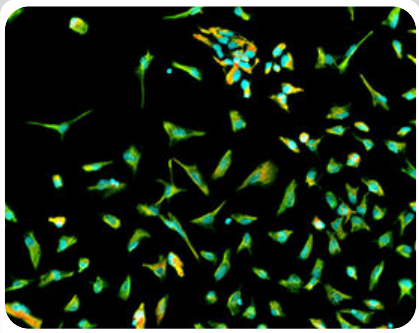
QUICK-NEURON™
GABAergic Neurons



QUICK-NEURON™
Motor Neurons



QUICK-NEURON™
Sensory Neurons



QUICK-NEURON™
Neural Precursor Cells

Custom iPSC Differentiation

Key Advantages of **Custom iPSC Differentiation** services.

At the core of our custom iPSC differentiation services is Quick-Tissue™ technology, a proprietary platform engineered for speed, reproducibility, and functional performance.

Reduced Batch-to-Batch Variability

Standardized workflows support reproducible differentiation across runs.

Lower Scale-Up & Transfer Risk

Protocols are designed for scalability and downstream integration.

Fit-for-Purpose Characterization

Cells are validated against program-specific goals and functional criteria.

No Internal Expertise Required

Eliminate the need to build and maintain specialized differentiation workflows.

Seamless Screening Integration

Incorporate iPSC-derived models into screening workflows with predictable timelines and reliable supply.

Access to Patient-Derived iPSC Lines

Access genetically defined, patient-derived iPSC lines that model clinically relevant human biology and enable translationally meaningful results.

Validated Batch-to-Batch Consistency

Produced using standardized, ISO-9001 certified processes to ensure reproducible performance across lots, experiments, and programs.

Functional, Assay-Ready Cells

Functionally validated cells with rigorous quality control and supporting documentation, ready for immediate integration into drug development workflows.

Seamlessly Scalable Manufacturing

Robust manufacturing workflows support production from pilot studies to large-scale production, enabling high-throughput screening.

Let's Connect

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