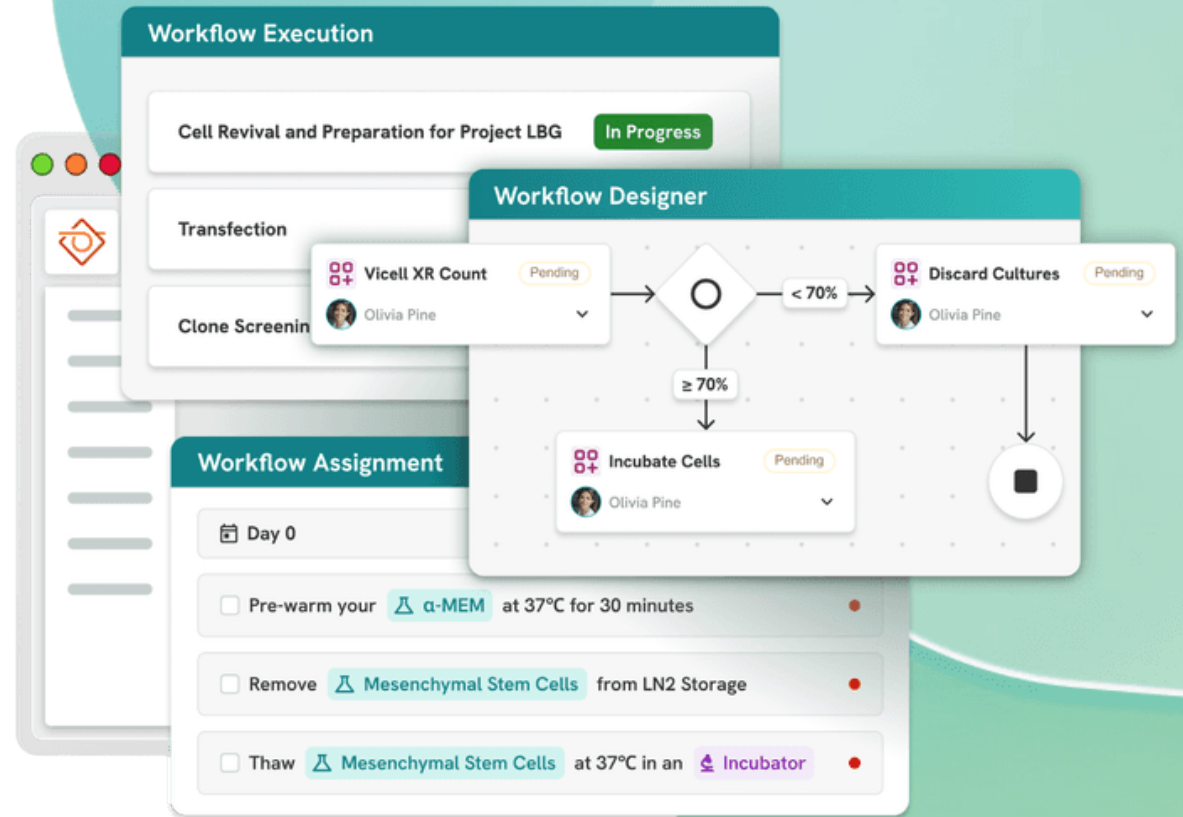


Signals LabGistics™

Where Complex Scientific Workflows Finally Connect

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Streamline Your Scientific Workflows Across the Entire Drug Development Lifecycle

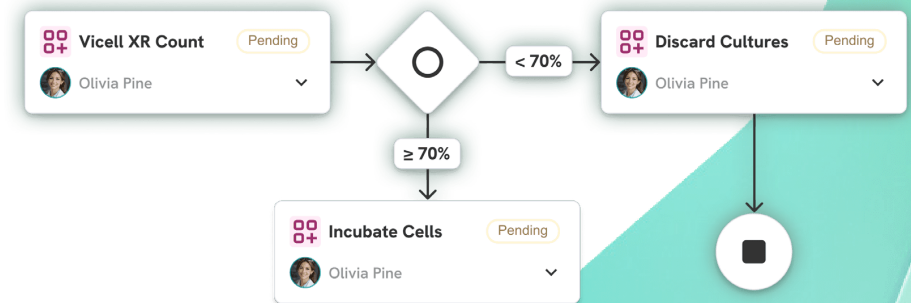
The Workflow Coordination Crisis

Drug development teams face a critical challenge: workflows that break down at every handoff. Whether you're optimizing bioprocess development in pharmaceuticals, scaling manufacturing in food science, or managing cross-functional collaboration in materials innovation, the same problems persist:

- Manual transfers between teams creating delays and errors
- Technology transfer bottlenecks between development and manufacturing
- Email handoffs that lose critical information in translation
- Regulatory compliance gaps in GxP environments
- Disconnected systems that fragment your scientific operations

Signals LabGistics Changes Everything.

This isn't another workflow tool that adds complexity. It's a single source of truth for scientific operations that creates seamless coordination among teams involved in research, development, quality, manufacturing, and regulatory activities.



Create a Single Source of Truth for Scientific Operations

Bridge Complex Scientific Workflow Coordination Gaps

- Replace fragmented communication with structured workflows
- Ensure information flows seamlessly between departments
- Eliminate email handoffs and manual transfers between teams
- Eliminate the delays and errors of manual handoffs
- Create accountability and visibility across all team interactions

Accelerate Technology Transfer

Seamless handoffs between development and manufacturing processes

- Structured transition protocols from R&D to production
- Automated documentation transfer with full traceability
- Reduced timeline delays during critical scale-up phases
- Maintained data integrity throughout the transfer process



Simplify Regulatory Compliance

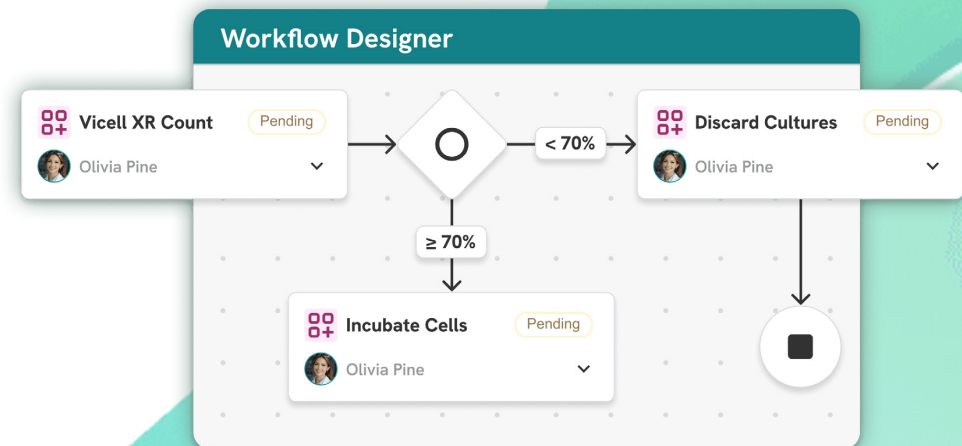
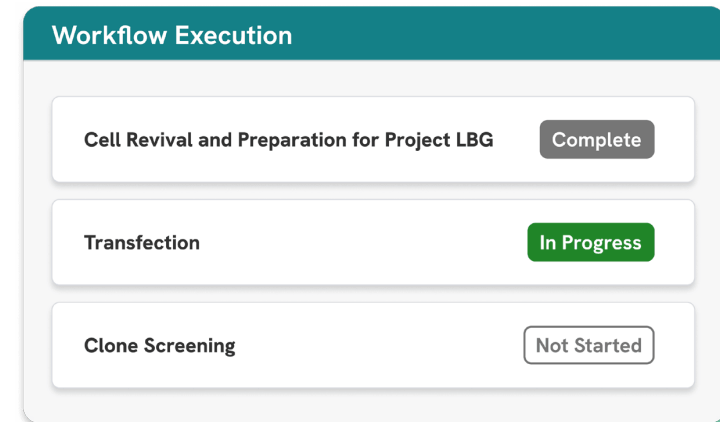
Support documentation and traceability in GxP environments

- Built-in compliance frameworks for pharmaceutical operations
- Automated audit trails for regulatory submissions
- Standardized documentation processes across teams
- Real-time compliance monitoring and reporting

Generate Automated Workflows

AI tools that convert SOPs and natural language descriptions into processes

- Transform existing standard operating procedures into digital workflows
- Convert natural language descriptions into executable processes
- Reduce manual workflow creation time and errors
- Enable rapid deployment of standardized procedures across teams



Three-Tier Workflow Management Architecture

Signals LabGistics delivers structured workflow management through a comprehensive three-tier approach:

Process Level

High-level orchestration of scientific operations

- Strategic workflow design and planning
- Cross-functional process coordination
- Resource allocation and timeline management
- Performance monitoring and optimization

Workflow Level

Detailed execution frameworks

- Step-by-step procedure implementation
- Task dependencies and sequencing
- Quality checkpoints and approvals
- Exception handling and escalation protocols

Task Level

Individual activity management

- Specific work assignments and tracking
- Real-time progress monitoring
- Resource utilization optimization
- Completion verification and documentation



Scalable Workflow Execution and Monitoring

Real-Time Visibility

Monitor work progress across the entire drug development lifecycle

- Live dashboards showing workflow status and bottlenecks
- Predictive analytics for timeline and resource planning
- Exception alerts for immediate issue resolution
- Performance metrics for continuous improvement

Scalable Operations

Support growth from small teams to enterprise-wide deployment

- Cloud-native architecture that scales with your organization
- Flexible workflow templates adaptable to different scientific domains
- Multi-site coordination capabilities for distributed teams
- Integration readiness for existing laboratory and manufacturing systems

Data Flow Optimization

Ensure data flows smoothly from R&D through manufacturing

- Automated data capture and transfer between workflow stages
- Standardized data formats for seamless system integration
- Version control and change tracking for all workflow modifications
- Real-time synchronization across distributed scientific operations



Primary Focus: Bioprocessing Excellence

Pharmaceutical Bioprocess Development

Optimizing bioprocess development and manufacturing scale-up

- Drug substance development workflow coordination
- Cell line development and characterization processes
- Upstream and downstream process optimization
- Clinical trial material production planning
- Technology transfer from development to commercial manufacturing
- Regulatory submission preparation and tracking

Cross-Industry Applications

Extending workflow coordination beyond pharmaceuticals

- **Food science:** Scaling manufacturing processes from lab to production
- **Materials innovation:** Managing cross-functional collaboration in advanced materials



Enterprise Security and Compliance



Secure Data Management

Independently-verified best practices for storing and securing scientific data



Cloud Infrastructure

Built with secure cloud infrastructure on AWS for reliable, scalable access



Access Configuration

Permissions-based access ensures team members only see relevant information



SOC 2 Certified

Verified compliance with industry-leading security and privacy standards

Seamless Integration with Signals Ecosystem

Signals Notebook Integration

Direct connection with electronic laboratory notebooks for comprehensive data capture

Unified Solution Benefits

- Consistent user experience across all Signals solutions
- Shared data models for seamless information flow
- Centralized user management and security protocols
- Integrated analytics and reporting capabilities

Implementation Impact : Streamlined Collaboration

Eliminate inefficiencies that slow down scientific progress

- Reduced communication delays between teams
- Standardized procedures across all scientific operations
- Improved accountability and transparency in workflow execution
- Enhanced coordination between research, development, and manufacturing



Reduced Costs

Realize faster, more efficient drug development through operational optimization

- Decreased manual effort and associated errors
- Reduced timeline delays and associated costs
- Optimized resource utilization across projects
- Minimized regulatory compliance risks and associated penalties

Accelerated Timelines

Faster time-to-market through coordinated workflow execution

- Streamlined technology transfer processes
- Reduced bottlenecks in cross-functional handoffs
- Predictive planning for resource and timeline optimization
- Continuous workflow improvement based on performance analytics

Ready to Transform Your Scientific Operations?

Signals LabGistics represents a fundamental shift from fragmented workflows to coordinated scientific operations. It eliminates the manual gaps, delays, and handoff frustrations that slow down drug development today.

Key Advantages

- Single source of truth for all scientific workflow coordination
- AI-powered automation that converts SOPs into executable processes
- Enterprise scalability without operational complexity
- Regulatory compliance built into every workflow step

WEBINAR

Signals Connect

July 2026

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Watch and learn more about
Signals LabGistics

Signals LabGistics

With **Signals LabGistics**, you can plan, execute, and monitor your work while ensuring your data flows smoothly from R&D through to manufacturing without the manual gaps, delays, or handoff frustrations slowing you down today.

[Find out more about Signals LabGistics](#)

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