

Unlocking Pivotal R&D Answers While Ensuring Data Integrity

Obsidian Therapeutics is developing a suite of technologies that allow for control of protein activity within cells to power therapeutics.

Challenges

- 1 Previous ELN was clunky and didn't allow for linkages to registered samples, hindering adoption and experimental detail.
- 2 Without a formal registration system, Obsidian scientists couldn't draw connections between results data and upstream entities.
- 3 Legacy sample tracking system was unintuitive and saw low scientist usage, leading to data loss and compliance concerns.



 **Vipin Suri**
Vice President of Discovery, Obsidian

Key Benefits

- ▶ **Unified Informatics**
Integrated sample tracking and notetaking generated strong user adoption and improved the quality and reliability of experimental records.
- ▶ **Centralized Registration**
Obsidian can trace from downstream results to identify effective upstream entities. "Why does this lentivirus work well? Is it related to a specific batch of constructs?"
- ▶ **Secure Data**
With Benchling's robust Bioregistry that rewards scientist usage, Obsidian can be confident that the constructs, parts, and other entities they're tracking will hold up in a court of law.