Streamlining Registration and Requests for Gene Editing

Intellia is developing CRISPR/Cas9-based gene editing therapeutics with *in vivo* and *ex vivo* delivery models.

Challenges

1 Previous registration took place across SharePoint spreadsheets, emails, and paper, leading to unreliable data and outsize time spent piecing together lineages.

2 Plasmid repositories couldn't be tracked and kept up to date.

3 Lack of a formal request system led to lost requests and insufficient detail in requests. Without a reliable plasmid inventory, certain requests were difficult to complete.

Key Benefits

▶ **Centralized Registration**
Standardized lists of plasmids and other entities make data reliable and easily shared.

▶ **Streamlined Request Triaging**
With Request Management, teams generate greater throughput and higher quality products because they can easily access the information they need.

▶ **Generating R&D Insights**
Workflow Management empowers Intellia to identify the upstream entities that lead to successful batches. For example, Intellia can answer, "Which bio-vector led to this particularly effective protein batch?"