



## CASE STUDY: SELF-LEARNING MRNA PLATFORM AT A GERMAN BIOTECH COMPANY

### CHALLENGE

A fast-growing German biotech company had expanded its R&D organization through multiple acquisitions. To realize the full potential of its increased capacity and diverse teams, it needed a way to harmonize lab processes and unlock efficiency through digital transformation.

### SOLUTION: A SELF-LEARNING MRNA PLATFORM

Following an **Innovation Journey** with inite, a prioritized project was launched to build an in vivo mRNA screening facility that enables real-time candidate selection. The core of the solution was a self-learning platform integrating experiment design, data capture, and AI analysis across synthetic biology, IVT, and immunomodulation domains.

### RESULTS

- **+300% increase** in early development candidates year-over-year
- **40% of scientists' time** freed from repetitive tasks
- AI-supported decision-making and process harmonization across newly integrated teams
- Strong internal buy-in through co-creation and stakeholder alignment

### INITE'S ROLE

- End-to-end delivery of the solution (project lead, engineering, monitoring)
- Architected the high-throughput mRNA workflow
- Facilitated stakeholder alignment and project governance
- Ensured measurable value creation and ROI focus

*“David’s strength was to create and implement systems and structures that helped us be more efficient and effective in the way we work.”*

— **COO, Global Biotech Company**