

THE CHALLENGE

RNA-based therapies are progressing rapidly and offer transformative potential. All is increasingly used to optimise mRNA design, improving stability and translation efficiency. But coordinating multiple partners across IVT, purification, and drug product manufacture can complicate supply chains and delay timelines. Additional hurdles include cold chain storage for LNPs and navigating licensing requirements. With technology evolving so quickly and the expertise required spanning diverse disciplines, identifying a clear manufacturing path can be difficult.

OUR APPROACH

Rapid, small-scale, GMP-ready mRNA manufacturing is at the core of our offer, optimised for speed, efficiency, and quality. Our team specialises in enhancing IVT (in vitro transcription) reactions and purification strategies to maximise mRNA yield and purity. By leveraging established chromatography and tangential flow filtration (TFF) technologies, we deliver robust, scalable processes. As a single-point solution provider, we support the full journey from IVT through to LNP formulation and final drug product, with integrated fill finish capabilities and GMP-compliant production for clinical delivery.

DELIVERABLES

- ➤ End-to-end mRNA-LNP Process Development: Includes tailored IVT optimisation, scalable purification strategies, and LNP formulation using proven encapsulation platforms.
- > Fill Finish within our GMP-Ready Manufacturing Facility:
 Clinical-ready drug product manufacturing with integrated fill finish and cold chain considerations.
- **Comprehensive Analytical Support:** Robust assays to ensure mRNA integrity, potency, and encapsulation efficiency aligned with GMP standards.

VALUE

Our streamlined mRNA-LNP manufacturing platform accelerates development timelines, reduces costs, and mitigates risks, enabling rapid, cost-effective transition from process development through clinical manufacturing and beyond.

EXMOOR PHARMA AT A GLANCE



Philosophy: With a focus on the entire journey from bench to market, we streamline and de-risk projects to maximise product success.



Capability: A full-service partner delivering high-value solutions for better, faster, and cost-effective outcomes.



Trust: Building lasting relationships through trust, transparency, and respect.



Collaboration: An open partnership that complements and enhances your capabilities.



Experience: Over 20 years of expertise, supporting 170+ clients from discovery to patient delivery across diverse programs.

