



**PRECISION
BIOTECH**



FUNCTIONAL NANOMATERIALS

- Magnetic Nanoparticles (MNP)
- Precision Core/Shell Control
- High Mono-Dispersity
- Tunable Sizes/Shapes
- Rapid Bench-to-Scale Optimization
- Customizable Surface Functionalization
- Bio-Assay Versatility



DNA/RNA SYNTHESIS

- Antisense (ASOs)
- Splice-Switching (SSOs)
- Modified RNA (2'-O-Me)
- Molecular Beacons
- Long Oligos & Aptamers
- Hydrolysis Probes & Quenchers
- Locked Nucleic Acid (LNA)
- Minor Groove Binders (MGB)



PLASMID ENGINEERING

- Novel Alkaline-Free Lysis
- Large-Scale Capabilities
- Custom Design/Construction
- Endotoxin-Free Purification
- >90% Supercoiled
- Rigorous Quality Control
- Enzyme and Protein Engineering Applications



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ABOUT GALENVS

Galenvs Sciences is a **Contract Research, Testing, and Biomanufacturing Organization** specializing in the end-to-end design, development, and scaling of **Precision Biotechnologies**

DESIGNED TO SCALE

We use our multidisciplinary technologies, data-driven methodologies, and process-driven strategies to help our healthcare and industrial customers realize their biotechnology goals

Solutions for



Diagnostic

- Sample Preparation
- Molecular Assays for Infectious Diseases
- Targeted Next Gen Sequencing (NGS)



Therapeutic

- Personalized Medicine
- Clinical Trials
- Biopharma Discovery



Industrial

- Environmental Monitoring
- Agricultural Pathogen Detection
- Enzyme Optimization