



Nanotechnology Research Outsourcing Services

Our nanotechnology research outsourcing services cover the design, synthesis, and application testing of nanomaterials and nanodevices for diverse industrial and biomedical applications.

Our Nanotechnology Research Capabilities

Our nanotechnologists and materials scientists use advanced fabrication, characterization, and testing facilities to innovate nanoscale products and processes safely and efficiently.

Types of Nanotechnology Research We Handle

- Nanomaterial Synthesis and Characterization
- Functional Nanoparticles Design
- Nano-Coating Development
- Nanoelectronics Component Fabrication
- Nanoscale Surface Modification
- Nanotoxicology and Safety Testing
- Nanocomposites for Industrial Use
- Nanostructured Thin Films
- Quantum Dot Applications
- Carbon Nanotubes Research
- Fullerenes and Graphene Studies
- Metal and Metal Oxide Nanoparticles
- Magnetic Nanomaterial Development
- Nano-Catalyst Optimization
- Nanomaterials for Water Purification
- Nano-Additives for Paints and Polymers
- Nanofibers for Filtration
- Antimicrobial Nano-Coatings
- Energy Storage Nanomaterials
- Nano-Sensors for Industrial Monitoring
- Nanostructured Drug Delivery Systems
- Bio-Nano Interfaces Research
- Regulatory Compliance Nanotoxicology
- Nanomaterial Recycling and Waste Management
- Hybrid Nanomaterials Fabrication

- Publication-Ready Nanotechnology Data
- Regulatory-Compliant Nanotech Reports
- Cross-Lab Collaborative Nanotech Projects
- Industrial Scale-Up Feasibility Studies
- Custom Nanotechnology Research Projects

Key Research Outsourcing Services Offered

- Custom Nanomaterial Synthesis
- Physicochemical and Structural Characterization
- Surface Functionalization and Coating
- Nanotoxicity Assay Development
- Nanocomposite Formulation Testing
- Thin Film Deposition and Analysis
- Nanoelectronics Prototyping
- Quantum Dot Fabrication and Testing
- Carbon Nanotube Functionalization
- Magnetic Property Measurement
- Nano-Catalyst Activity Evaluation
- Water Treatment Nanomaterial Validation
- Antimicrobial Coating Efficacy Tests
- Energy Storage Nanomaterial Performance
- Nano-Sensor Design and Calibration
- Bio-Nano Interaction Studies
- In Vitro and In Vivo Nanotoxicology
- Regulatory Safety Testing and Documentation
- Confidential Data Handling and NDA
- Interim Reports and Project Updates
- Publication-Ready Reports and Figures
- Stakeholder Presentation Support
- Workshops and Training in Nanotechnology
- Post-Project Technical Consulting
- IP and Patent Filing Support
- Grant Proposal and Manuscript Assistance
- Sample Archiving and Secure Backup
- Compliance with GLP, GCP, ISO Standards
- Cross-Lab Validation and Data Sharing
- Long-Term Nanotechnology Research Partnerships

Why Choose Us for Nanotechnology Research Outsourcing?

Our experts deliver precise nanomaterial synthesis, validated nano-device performance, and robust safety assessments to meet industry standards and regulatory expectations.

Industries & Sectors We Serve

- Pharmaceutical and Biotech Companies
- Material Science and Engineering Firms
- Electronics and Semiconductor Manufacturers
- Environmental Monitoring Agencies
- Energy Storage and Battery Companies
- Academic Nanotechnology Research Institutes

Customized Nanotechnology Solutions

We develop tailored nanomaterials, coatings, and devices aligned with your industrial goals, safety requirements, and regulatory frameworks.

Quality Assurance & Regulatory Compliance

Our workflows comply with GLP, GCP, ISO, and nanotechnology standards, ensuring validated, reproducible, and audit-ready outcomes.

Case Studies & Client Success Stories

Learn how our outsourcing has enabled safe nanomaterial applications, enhanced nano-coatings, and accelerated nanoelectronics innovation. References available on request.

How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Define nanomaterial type, target application, and compliance needs.
2. **Proposal & Quotation:** Provide a detailed plan, synthesis approach, timeline, and cost estimate.
3. **Lab Execution:** Perform synthesis, characterization, and application testing.
4. **Data Reporting:** Deliver comprehensive data and compliance-ready documentation.
5. **Post-Project Support:** Offer scale-up consulting, regulatory filing support, and IP protection.

Frequently Asked Questions (FAQs)

Q: Can you develop custom nano-coatings for industrial products?

A: Yes — we design and test coatings for antimicrobial, hydrophobic, or functional properties.

Q: Do you offer nanotoxicology assessments?

A: Absolutely — we perform both in vitro and in vivo safety testing aligned with global standards.

Q: How secure is my nanotech research data?

A: Strict NDAs, secure data servers, and compliance with industry standards ensure confidentiality.

Get Started / Request a Quote

Contact us today to discuss your nanotechnology project and receive a custom plan, timeline, and cost estimate aligned with your innovation goals.

Contact Us

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