

Press Release

August 4, 2026

Wacker Chemie AG
Corporate Communications
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Joint press release by WACKER and Eclipsebio

Wacker Biotech and Eclipsebio announce strategic collaboration to advance RNA medicine development and production

- Wacker Biotech provides GMP-compliant plasmid DNA, RNA, and LNPs that are ready for scale-up.
- Eclipsebio provides an integrated platform for AI-driven design and sequencing-based characterization.
- Together, the companies provide best-in-class end-to-end RNA therapeutic development from candidate design and optimization to GMP manufacturing and encapsulation.

Munich/San Diego – Wacker Biotech, a leading contract development and manufacturing organization (CDMO) wholly owned by Wacker Chemie AG, and Eclipse Bioinnovations, Inc. (Eclipsebio), the leader in sequencing-based analytics and AI-enabled design for RNA therapeutics, today announced a strategic collaboration. The partnership will further strengthen the companies' support of RNA therapeutic developers.

This collaboration unites Eclipsebio's integrated platform of AI-optimized RNA design and sequencing-based validation with the large-scale and GMP-compliant manufacturing of nucleic acid-based therapies at Wacker Biotech. Eclipsebio designs RNA for both manufacturability and efficacy, focusing on high yield, integrity, purity, stability, and protein expression, while WACKER's CDMO supports the entire value chain for RNA-based therapeutic approaches, from

plasmid DNA through *in vitro* transcription (IVT) for GMP-compliant RNA to its formulation in lipid nanoparticles (LNPs) that meet regulatory standards. Together, the companies will improve the options for drug developers to produce RNA ready for the clinic.

“We are excited to expand our collaboration with WACKER,” said Peter Chu, PhD, Co-founder and CEO at Eclipsebio. “This partnership allows us to offer innovative access and better support to our partners in every stage of the drug development pipeline, whether they need initial mRNA designs that will produce high yield or are ready for IVT scale-up.”

“We have been working together for a while now, and the new added RNA design services of Eclipsebio are an important feature for early-stage clients, which we are supporting with our newly launched contract research services (CRS),” said Hagen Richter, Head of Global Innovation BioPharma at WACKER. “This collaboration utilizes our complementary strengths to offer clients strong, clinic-ready RNA.”

About Eclipsebio

Eclipsebio is a private biotechnology company headquartered in San Diego that combines AI-powered sequence design, rapid prototyping, and sequencing-based analytics to support RNA drug development. With extensive experience supporting early-stage basic research through preclinical therapeutic development, Eclipsebio provides unparalleled support for obtaining deep insights into RNA and therapeutic biology. The company offers its solutions as end-to-end partnerships for biopharma and project-based services for academics.

For more information about Eclipsebio, visit www.eclipsebio.com.

About Wacker Biotech

Wacker Biotech is a full-service contract manufacturer of recombinant proteins based on microbial systems, live microbial products (LMPs), plasmid DNA (pDNA), and ribonucleic acid (RNA) for therapeutics and vaccines. Wacker Biotech's portfolio extends from strain/process development and analytical testing to GMP production for clinical and commercial applications. Wacker Biotech operates three GMP-compliant, FDA- and EMA-inspected production plants at its

Jena and Halle sites in Germany and in Amsterdam, the Netherlands. In addition, Wacker Biotech has a GMP-compliant plant in San Diego (Wacker Biotech US Inc.) that specializes in the production of pDNA, a critical starting point for RNA therapeutics. Complementing these manufacturing sites is a central R&D Biotechnology Center in Munich, Germany offering Contract Research Services. Wacker Biotech GmbH, Wacker Biotech B.V. and Wacker Biotech US Inc. are wholly owned subsidiaries of Munich-based Wacker Chemie AG.

For more information on WACKER's biotechnology business visit:

www.wacker.com/biologics



Lipids that are used to formulate mRNA active ingredients are stored in large steel tanks at WACKER's mRNA Competence Center in Halle, Germany. Source: WACKER



Scientists at Eclipsebio's San Diego facility prepare RNA samples for sequencing-based analytics, part of the company's platform for RNA design and characterization. Source: Eclipsebio

Please note: This press release and the accompanying photos are available for download on the WACKER website (www.wacker.com) under Media: <http://www.wacker.com/pressreleases>

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The company in brief

WACKER is a global company with state-of-the-art specialty chemical products found in countless everyday items, ranging from tile adhesives to computer chips. The company has a global network of 27 production sites, 22 technical competence centers and 47 sales offices. With more than 16,000 employees, WACKER generated annual sales of around €5.5 billion in fiscal 2025.

WACKER operates through four business divisions. The Silicones and Polymers chemical divisions supply products (silicones, polymeric binders) for the automotive, construction, chemical, consumer goods and medical technology industries. Biosolutions, the life sciences division, specializes in bioengineered products such as biopharmaceuticals and food additives. Polysilicon produces hyperpure polysilicon for the semiconductor and photovoltaic industries.

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