

## QIAGEN expands AI-powered bioinformatics for research and drug discovery

- **New IPA Investigator lets researchers ask biological questions in natural language and examine the scientific evidence behind the results**
- **New QIAGEN Discovery Platform extends AI into drug discovery workflows**
- **QIAGEN builds on more than 25 years of biomedical knowledge, with QDI tools used by around 150,000 users**

**Venlo, the Netherlands, and Germantown, Maryland, October 6, 2026** – QIAGEN N.V. (NYSE: QGEN; Frankfurt Prime Standard: QIA) today announced new artificial intelligence (AI) capabilities to help researchers analyze complex biological and genomic data faster while keeping the scientific evidence behind the results visible.

The expansion includes **IPA Investigator**, a new AI research companion for QIAGEN Ingenuity Pathway Analysis (IPA), and the new **QIAGEN Discovery Platform**, which extends these capabilities into automated drug discovery workflows.

The new offerings build on more than 25 years of biomedical knowledge from QIAGEN Digital Insights (QDI), whose bioinformatics solutions are used by around 150,000 users. The global market for AI in bioinformatics is projected to more than double from about \$12 billion in 2026 to more than \$25 billion by 2031, according to Mordor Intelligence.

As researchers increasingly use AI to analyze growing volumes of biological and genomic data, speed alone is not enough. QIAGEN combines AI with expert-reviewed biological, genomic and clinical information so scientists can examine the evidence behind the results.

“AI can deliver an answer in seconds, but in science, speed without evidence can create false confidence,” said Dominic John, Vice President and Head of QIAGEN Digital Insights. “Our approach is to combine the speed of AI with expert-curated biomedical knowledge and traceable scientific evidence so researchers can examine the evidence behind the results and evaluate them for themselves.”

IPA Investigator allows scientists to ask questions about their data in natural language. It can identify relevant biological relationships, recommend analyses and carry them out within IPA. Researchers can then connect their own experimental data with existing biological knowledge to better understand disease, identify potential drug targets and decide what to investigate next.

At the University of Bergen in Norway, researchers tested IPA Investigator using complex datasets that deliberately introduced misleading sample comparisons.

“We deliberately introduced misleading comparisons to see how IPA Investigator would respond. It identified the problem, cautioned us against overinterpreting the results and suggested a better experimental design,” said Dr. Simona Chera, Professor at the University of Bergen.

QIAGEN is also introducing the **QIAGEN Discovery Platform**, which enables the integration of AI with QIAGEN’s biomedical knowledge base and molecular data to support drug discovery. The platform is designed to help researchers identify potential drug targets and biomarkers, generate research hypotheses and automate parts of the discovery process.

## Media Release

The launches are part of a broader rollout of AI across QIAGEN Digital Insights, including AI-powered translation in **QIAGEN Clinical Insight (QCI) Interpret** and machine learning combined with expert-reviewed information in **Franklin by QIAGEN**.

For more information about QIAGEN Digital Insights, visit: <https://digitalinsights.qiagen.com/>

### About QIAGEN

QIAGEN N.V., a Netherlands-based holding company, is a global leader in Sample to Insight solutions that enable customers to extract and analyze molecular information from biological samples containing the building blocks of life. Our Sample technologies isolate and process DNA, RNA and proteins from blood, tissue and other materials. Assay technologies prepare these biomolecules for analysis, while bioinformatics support the interpretation of complex data to deliver actionable insights. Automation solutions integrate these steps into streamlined, cost-effective workflows. QIAGEN serves more than 500,000 customers worldwide in the Life Sciences (academia, pharmaceutical R&D and industrial applications such as forensics) and Molecular Diagnostics (clinical healthcare). As of June 30, 2026, QIAGEN employed about 5,500 people across more than 35 locations. For more information, visit [www.qiagen.com](http://www.qiagen.com).

### Forward-Looking Statement

*Certain statements in this press release may constitute forward-looking statements within the meaning of the U.S. federal securities laws. These statements include, among others, statements regarding QIAGEN's products, product development and launches, regulatory approvals, market opportunities and future business performance. Forward-looking statements are based on current expectations and assumptions and involve risks and uncertainties that could cause actual results to differ materially. These risks include, among others, the development and commercial success of new products, regulatory approvals, competition, changes in customer demand and funding, economic and market conditions, supply chain disruptions, cybersecurity incidents, litigation and other risks described under "Risk Factors" in QIAGEN's most recent Annual Report on Form 20-F and other filings with the U.S. Securities and Exchange Commission. QIAGEN undertakes no obligation to update any forward-looking statement except as required by law.*

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