

Pastør21 AI Secures 3rd Place in DARPA Bio-Attribution Challenge

Pastør21 AI, Inc. won 3rd place in DARPA's Bio-Attribution Challenge, using advanced AI and genomic data analytics to detect and trace biological threats.

SAN DIEGO, CA, UNITED STATES, June 15, 2026 /EINPresswire.com/ -- [Pastør21 AI, Inc.](#), a biotechnology and artificial intelligence startup, has been awarded third place and a \$10,000 prize in the first round of the Defense Advanced Research Projects Agency (DARPA) Bio-Attribution Challenge. The virtual competition called on innovators to develop next-generation computational tools capable of analyzing petabyte-scale datasets in near real-time to rapidly determine the origin of biological events.

Finding a single pathogen or engineered sequence in massive environmental samples is a staggering "needle in a haystack" problem. The first phase of the challenge required scanning massive troves of deliberately curated genomic data, mimicking complex environmental samples, under strict time constraints.

To meet these intense computational demands, the San Diego-based team deployed a highly specialized bioinformatics pipeline. AI frameworks provided the necessary logic routing and workflow orchestration to sort through the complex data landscape. This allowed the team to accurately detect subtle genomic signals.

The ability to rapidly and accurately identify the source of a biological sequence is a critical national security capability and a core focus of Pastør21's strategy and development. This achievement highlights the immense potential of combining high-performance computing with targeted AI to solve unprecedented data challenges in genomics.

The foundational strategy for the challenge relied on a conceptualized multi-step workflow linking raw genetic makeup directly to attribution outcomes, allowing the platform to identify biological anomalies with high precision.

As the DARPA Bio-Attribution Challenge progresses toward its culminating awards ceremony on June 30, 2026, Pastør21 AI continues to refine its computational models for the attribution of engineered biological events.

About Pastør21 AI, Inc. Pastør21 AI, Inc. is a Delaware C Corporation based in San Diego, CA,

focused on the intersection of agentic AI frameworks and advanced [genomic data analytics](#).

Media Contact: media@p21ai.com, Pastor21 AI, Inc. p21ai.com

P21 Media Team

Pastor21 AI Inc

media@p21ai.com

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