

GenBio Inc. Files U.S. Trademark Application for BlockR™, Advancing Anti-Inflammatory Development Program

BlockR™ reflects over a decade of research into nature-derived bioactivity, inflammatory pathways and potential therapeutic applications.

ALISO VIEJO, CA, UNITED STATES, August 25, 2026 /EINPresswire.com/ -- GenBio Inc. ("GenBio" or the "Company"), a U.S.-based biotechnology company advancing proprietary therapeutic research programs, today announced the filing of a U.S. trademark application for BlockR™, the identity established for the Company's developing anti-inflammatory research program.



The filing represents another step in GenBio's broader strategy of developing and protecting intellectual property associated with its emerging scientific programs as research progresses.

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To raise new questions, new possibilities, to regard old problems from a new angle, requires creative imagination and marks real advance in science.”

Albert Einstein

BlockR™ is being developed from a body of scientific investigation extending over approximately 15 years into the biological activity of selected nature-derived extracts, their constituent molecules and potential mechanisms relevant to inflammation, immune response and other therapeutic applications.

“BlockR represents the culmination of approximately 15 years of scientific investigation, but it also represents the

beginning of a much more demanding development stage,” said Giles Tilley, Chief Executive Officer of GenBio Inc.

“Biological activity observed in the laboratory must ultimately demonstrate appropriate bioavailability, pharmacokinetics and an acceptable safety profile. GenBio intends to let that science determine how far BlockR advances.”

Scientific Research Provides Foundation for BlockR™

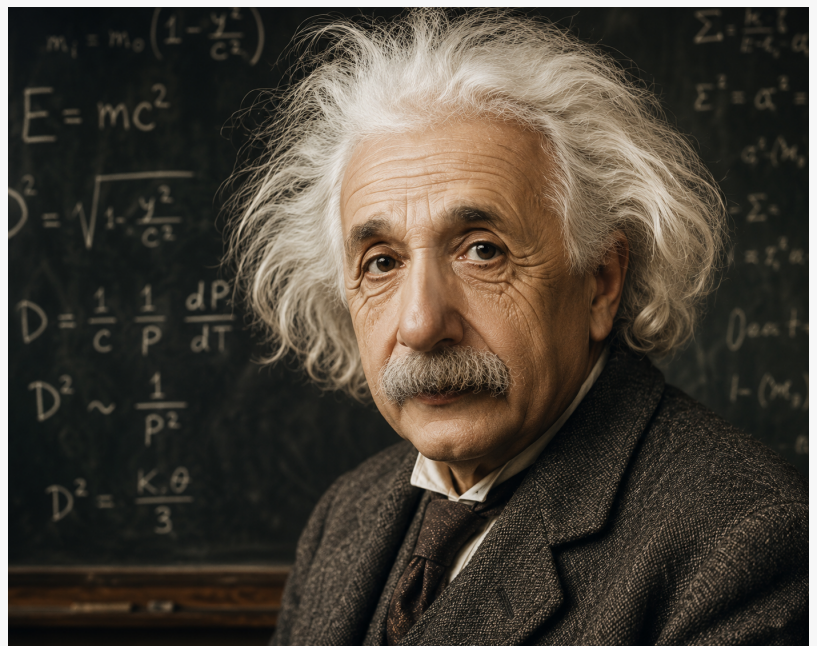
During the COVID-19 pandemic, scientific interest increased around the potential biological activity of selected Australian native plant extracts and the mechanisms through which naturally occurring compounds might influence inflammatory and immune-response pathways.

Research associated with the scientific foundation underlying GenBio's program has subsequently examined mechanisms involving [nuclear factor kappa B \(NF-κB\)](#), an important regulator of inflammatory and immune signaling.

Published laboratory research involving selected Australian botanical extracts has reported modulation of inflammatory mediators and NF-κB-related activity, providing further scientific rationale for investigating the underlying bioactive compounds and their potential mechanisms.

GenBio emphasizes that laboratory findings involving inflammatory pathways do not establish prevention or treatment of COVID-19 or any other disease in humans. Rather, the research contributed to a broader scientific foundation supporting continued investigation of the biological mechanisms involved.

Subsequent phytochemical investigation has sought to identify individual molecules contributing



Albert Einstein was a German-born theoretical physicist renowned for developing the special and general theories of relativity and for his mass-energy equivalence formula $E=mc^2$.



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to observed biological activity. This research has also identified mechanisms of interest to GenBio's broader scientific programs, including [efflux pump inhibition](#), which the Company continues to evaluate as part of its therapeutic research strategy.

Development Focus Expands Toward Gastrointestinal Applications

As the BlockR™ program progresses, GenBio anticipates increasing its research focus on potential gastrointestinal applications and pathogens.

The Company is evaluating a formulation strategy intended to protect selected bioactive components from the acidic environment of the stomach and provide targeted release primarily within the gastrointestinal tract.

This approach remains under development and will require further formulation, pharmacological, toxicological and efficacy research before its potential utility can be determined.

An important planned stage of the program involves further refinement of the underlying extract, including evaluation of whether an inactive class of molecules can be removed based upon prior scientific research.

The objective is to determine whether a more concentrated and scientifically defined composition can be developed while retaining or improving the biological activity identified during earlier research.

From Laboratory Activity to Biological Validation

GenBio believes one of the most important challenges facing nature-derived therapeutic development is translation.

Compounds demonstrating promising activity in laboratory models do not necessarily achieve sufficient exposure, stability, bioavailability or biological activity when administered to a living system.

Accordingly, the Company intends for future development of BlockR™ to include rigorous evaluation of bioavailability, absorption, distribution, metabolism and excretion (ADME), drug metabolism and pharmacokinetics (DMPK), and toxicity, including appropriate in vivo studies.

These studies will be intended to determine whether the scientific activity identified during earlier stages of research can support continued development toward potential human applications.

"There is an enormous difference between identifying compelling activity in a laboratory and

demonstrating that a potential therapeutic approach can function safely and effectively in a biological system,” Tilley said.

“That distinction is fundamental to how we are approaching BlockR. We are not interested in advancing a product simply because a natural extract demonstrates interesting laboratory activity. The science must continue to warrant advancement at every stage.”

Any future human use or commercialization of BlockR™ would remain subject to successful scientific development, appropriate safety and efficacy evaluation, and applicable regulatory requirements.

Building a Distinct GenBio Development Program

The BlockR™ trademark filing follows GenBio’s recently announced scientific and intellectual property review of new research findings and potential additional proprietary opportunities.

GenBio believes establishing distinct identities around selected development programs can support the Company’s broader intellectual property and corporate-development strategy as those programs mature.

The Company intends to continue evaluating opportunities to protect its scientific discoveries, formulations, program identities and related intellectual property where appropriate.

For BlockR™, the next stage will focus not simply on what has been observed during more than a decade of research, but on whether those findings can withstand the increasingly rigorous scientific requirements necessary for continued therapeutic development.

BlockR™ therefore represents both a scientific history and a development objective: translating promising nature-derived biological activity into a defined, testable and potentially differentiated therapeutic program.

About GenBio Inc.

GenBio Inc. is a U.S.-based biotechnology company advancing proprietary scientific programs focused on significant therapeutic challenges, including [antimicrobial resistance](#), inflammation and related areas of therapeutic development.

The Company’s research strategy centers on identifying and characterizing biologically active components and translating those discoveries into differentiated therapeutic opportunities supported by scientific research and intellectual property.

Developed by Nature. Identified, Refined and Formulated by GenBio.

Forward-Looking Statements

This press release contains forward-looking statements regarding GenBio Inc.'s BlockR™ research program, proposed formulation and development activities, scientific testing, intellectual property strategy, potential therapeutic applications and future regulatory and commercialization activities. Such statements involve risks and uncertainties, and actual results may differ materially from those expressed or implied.

Laboratory, preclinical and other early-stage scientific findings may not translate into safety or efficacy in humans. References to biological mechanisms, potential therapeutic applications, gastrointestinal targeting, formulation strategies or future studies should not be interpreted as evidence that BlockR™ has been demonstrated to prevent, diagnose, treat or cure any disease or that any particular regulatory or commercial outcome will be achieved.

Todd D. Sonoga

GenBio Inc.

+1 949-705-8021

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