



Eternity Biotech: Yale Spin-out Unveils Advancement in Life Extension Technology

GREENWICH, CT, USA, December 6, 2023 /EINPresswire.com/ -- Eternity Biotech, a spin-out from Yale University's research laboratories, today announced developments in human longevity through the unveiling of a new life extension technology. Guided by scientific rigor and technological innovation, the company introduces a new approach to anti-aging.

Eternity Biotech's advancement lies in the intricate modulation of the *bmk-1* and *pch-2* genes, initially recognized for their role in cell division. Through meticulous genetic manipulation in *C. elegans*, a 25% extension in lifespan and enhanced stress response has been unveiled. This effect is mediated by proteins such as *hsp-16*, intricately involved in cellular stress resistance and apoptosis inhibition.

The over-expression of human analogs of *pch-2* and *bmk-1* in cultured fibroblasts demonstrates a transferable resilience mechanism. This novel methodology enhances cellular resistance against radiation and oxidative stress, revealing a potential paradigm shift in anti-aging strategies.

Joseph Hernandez, Founder and Chairman of Eternity Biotech, remarked: "At Eternity Biotech, we embark on a journey to redefine the limits of aging and pave the way for an era where a longer, healthier life is not just a hope but a tangible reality. Our commitment to scientific excellence drives us to push the boundaries of what is deemed possible, unlocking new frontiers in the pursuit of human life extension."

About Eternity Biotech:

Eternity Biotech is the culmination of relentless pursuit and unwavering dedication to pushing the boundaries of scientific discovery. Emerging from the esteemed research laboratories of Yale University, our company stands at the forefront of a profound hope—the hope of life extension. Grounded in the belief that human experience can transcend its traditional boundaries, Eternity Biotech envisions a world where aging is not an inevitability, but a challenge met with advanced technology and solutions.

For more information about Eternity Bio, Inc., please visit www.eternitybio.com

References:

[PCH-2 regulates Caenorhabditis elegans lifespan](#)

[Bmk-1 regulates lifespan in Caenorhabditis elegans by activating hsp-16](#)

Contact Information:

For media inquiries or additional information, please contact:

Betty Rose

Eternity Bio, Inc.

info@eternitybio.com

This press release can be viewed online at: <https://www.einpresswire.com/article/673303839>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.