



News Release

Ashland introduces eternight™ biofunctional – unlocking nighttime longevity through Mitobiology™ and the [3R] Science

WILMINGTON, DE – April 13, 2026 – Ashland Inc. (NYSE: ASH) today announces the launch of Eternight™ biofunctional, a novel Iris roots extract powered by PSR™ technology, guided by Ashland’s concept of Mitobiology™ and [3R] Longevity Science – Rest, Restore, Reverse.

Eternight™ biofunctional is inspired by the latest advances in longevity research, unveiling the mitochondria not only as cellular powerhouses, but as intelligent, self-repairing networks that play a pivotal role in healthy aging. At the heart of this innovation lies humanin, a mitochondrial-derived peptide recognized as a universal longevity messenger, found at elevated levels in Blue Zone centenarians and associated with health span preservation.

“With eternight™, we are redefining how skin longevity can be approached in cosmetics,” said Isabelle Imbert, director, research and development, biofunctionals, Ashland. “By focusing on mitochondria and their ability to communicate, repair, and restore themselves during the night, we introduce the concept of mitorestoration as a new cosmetic pathway, one that supports cellular rescue and health at its most biologically active moment.”

the [3R] longevity science: Rest, Restore, Reverse

Eternight™ biofunctional is driven by Ashland’s [3R] Longevity Science, a scientific framework designed to work in harmony with the skin’s rhythm:

- Rest: associated with a support of the skin during its nocturnal phase, when biological repair mechanisms naturally peak.
- Restore: inspired by mitochondrial quality control through mitofusion, mitophagy, and essential longevity mediators.
- Reverse: helps counteract visible signs of aging over time

Through this biological intelligence, eternight™ supports the appearance of healthier, more youthful-looking skin while contributing to long-term skin resilience.

Humanin: the first longevity messenger for skin

Central to this new longevity research is humanin, a mitochondrial-derived peptide described in scientific literature as a key communicator between cells, orchestrating protection and repair. Long studied in longevity science, humanin is recognized for its link to healthy aging in centenarians and its role in mitochondrial homeostasis.

By bio-inspiring from this longevity messenger, eternight™ supports the skin's Mitobiology™ approach helping reinforce mitorestoration for visible skin youthfulness.

the underground secret of iris: longevity rooted in nature

Eternight™ biofunctional also draws its power from nature, specifically from iris pallida, a flower long revered for its longevity. While its beauty blooms above ground, the true secret of iris lies underground, hidden within its roots.

Cultivated in France using regenerative agriculture and harvested following a long natural maturation cycle, the iris pallida rhizome embodies patience, resilience, and longevity. This precious root is revealed through A.I-driven analysis and Ashland's proprietary PSR™ (Plant Small RNA) technology, delivering a unique molecular signature designed to support skin longevity.

"Eternight™ brings together science and longevity storytelling in a way that truly resonates with today's consumers," said Justine Cotton, global marketing manager, biofunctionals, Ashland. "From the underground secret of the iris flower to the cutting-edge science of mitobiology™ and Blue Zone longevity, eternight™ offers brands a powerful, credible narrative rooted in both nature and advanced biology."

a new chapter in night care and skin longevity

Clinically evaluated on different skin types, eternight™ biofunctional helps revive multiple visible signs of youth while supporting the skin's youthful appearance. Designed for night creams, serums, and pro-longevity skincare routines, eternight™ answers the growing consumer demand for night care, healthspan-inspired beauty, and performance-driven longevity claims.

With eternight™, Ashland reinforces its leadership in active biofunctionals innovation, opening a new era where night becomes the key moment for skin longevity.

About Ashland

Ashland Inc. (NYSE: ASH) is a global additives and specialty ingredients company with a conscious and proactive mindset for environmental, social and governance (ESG). The company serves customers in a wide range of consumer and industrial markets, including architectural coatings, construction, energy, food and beverage, personal care and pharmaceutical. Approximately 2,900 passionate, tenacious solvers – from renowned scientists and research chemists to talented engineers and plant operators – thrive on developing practical, innovative and elegant solutions to complex problems for customers in more than 100 countries. Visit [ashland.com](https://www.ashland.com) and [ashland.com/ESG](https://www.ashland.com/ESG) to learn more.

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