

# Integral BioSystems to Present on OcuHeal-UV400+, an UV-Protective LNP Eyedrop

*Details will be disclosed on May 5, 2026 from 1:15 pm to 3 pm at the Association for Research in Vision and Ophthalmology Convention (ARVO), Denver, Colorado.*



BEDFORD, MA, UNITED STATES, April 29, 2026 /EINPresswire.com/ --

Bedford, MA-based [Integral BioSystems](#) will present data on OcuHeal-UV400+, an innovative, UV-blocking, antioxidant eyedrop at the Annual ARVO Convention to be held May 3-May 7, 2026 at Denver, Colorado.



A few drops of OcuHeal-UV400+ provides hours of protection from harmful light rays"

*Dr. Shikha P. Barman PhD*

The OcuHeal-UV400+ product is one in the pipeline of products-in-development, based on a lipid nanoparticle (LNP) platform technology developed by Integral BioSystems. OcuHeal-UV400+ product incorporates a GRAS (generally regarded as safe), plant-based compound into nanostructured, liquid-crystalline lipid nanoparticles. The compound has a high molar extinction coefficient and blocks both UV-A and UV-B, with further blocking of blue

light generated by the encapsulated LNP. The encapsulated compound is biocompatible with, and protective of corneal epithelial cells, quenches reactive free radicals generated by various stressors (like particulate pollution) and elicits anti-fibrotic healing in injured corneal tissues. With worldwide reports of ocular tissue disorders caused by UV radiation (both UVA and UVB), this product promises to be transformational. Furthermore, this product, when commercialized, will have clinical utility to persons suffering from digital strain from prolonged computer use.

Presentation Number - Posterboard Number: 2967 - 0143

Abstract/Presentation Title: OcuHeal-UV400+ Eyedrops Protect HCEC from UV-Induced Damage by Scavenging of Reactive Oxidative Species

Presentation Type: Poster Session

Session Number: 341

Session Title: Corneal disease and drug delivery

Session Date/Times: May 5, 2026 from 1:15 PM to 3:00 PM

Authors are Koushik Barman, Samuel Harris, Elliot Coleman, Laura Belen, Kevin Ward and Shikha Barman

Integral BioSystems is a specialty drug delivery contract research firm focused on formulation and analytical development of both small molecule and biologics. Integral's hybrid business model has enabled the development of its own proprietary innovations. In particular, scientific experts at Integral have conceptualized and designed both the OcuHeal™ and NanoM-Wafer™ technologies. Both technologies have been fully patented in 14 global jurisdictions, including Europe, US, Canada, India, China and Japan. Additionally, the evolving nature of the technologies have resulted in additional PCT applications.

If interested in partnering with Integral BioSystems, please reach out to the business development team at [info@integralbiosystems.com](mailto:info@integralbiosystems.com).

Dave Karasic

+1 617-820-8483

[email us here](#)

Integral BioSystems, LLC

---

This press release can be viewed online at: <https://www.einpresswire.com/article/909149754>

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.

© 1995-2026 Newsmatics Inc. All Right Reserved.