

**University of California, Irvine**

*Krzysztof Palczewski, Distinguished Professor, School of Medicine  
Donald Bren Professor and Irving H. Leopold Professor of  
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Working with the Gavin Herbert Eye Institute, Dr. Krzysztof Palczewski, an internationally acclaimed vision scientist, has positioned the University of California, Irvine's School of Medicine to take the lead in cutting-edge research contributing to the field of ophthalmology and eye health. In the spring of 2022, Dr. Palczewski's team published a study in Nature Communications demonstrating how genomic base editing could offer durable treatment for inherited retinal disease. If this approach is broadly adopted and translated to clinical practice, it's expected that within 10 years all inherited retinal diseases could be treatable. The base editing technique could provide potentially



long-lasting retinal protection and prevent vision deterioration in patients with inherited retinal degeneration. Dr. Palczewski's research has changed the field of eye health, leading to treatment and prevention options with an immeasurable impact on patients and the eye health industry. As a leader and innovator in the field of ophthalmology, Dr. Palczewski currently holds 29 patents, has nine patents pending, and published research that has been cited more than 54,000 times.