

**The Edward N. & Della L. Thome Memorial Foundation Awards
Program in Age-Related Macular Degeneration Research**

2023 Grant Cycle

John Hulleman, Ph.D.

Associate Professor, Larson Endowed Chair for Macular Degeneration
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“Restoring RPE Basal Lamina Homeostasis for AMD Treatment”

Scientific Abstract

The canonical hallmark of dry age-related macular degeneration (AMD) is the formation of protein and lipid deposits (drusen) within Bruch’s membrane. Additional sub-retinal pigment epithelium (RPE) accumulations located in the RPE basal lamina (RPE-BL), such basal laminar deposits (BLamDs), are early heralds of RPE stress and prognosticate impending pathogenic soft drusen

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Dimitra Skondra, M.D., Ph.D.

Associate Professor of Ophthalmology, Director of J. Terry Ernest Ocular
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“Harnessing the effects of diet-