# **NEW ORLEANS**

### School of Medicine

- as a fatty acid that has a critical role in maintaining homeostasis in the retina as a substrate necessary for the PUFAs).
- This class of fatty acids are precursors for elovanoids (ELVs), which have been indicated to respond to inflammation and oxidative stress encountered by the retina. Elovanoids are
- have lower concentrations of DHA and VLC-PUFAs in ocular macular degeneration.

- concentrations of DHA, VLC-PUFAs, and ELVs in retina and RPE.
- and enzymes involved in the generation of VLC-PUFAs.



## Investigating the role of AdipoR1 in prohomeostatic fatty acid metabolism pathways Eric Prestenburg, Alise Aucoin, Marie-Audrey Kautzmann-Guerin, PhD, Bokkyoo Jun, PhD, William Gordon, PhD, and Nicolas Bazan, MD, PhD

Neuroscience Center of Excellence, School of Medicine, LSU Health Sciences Center

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