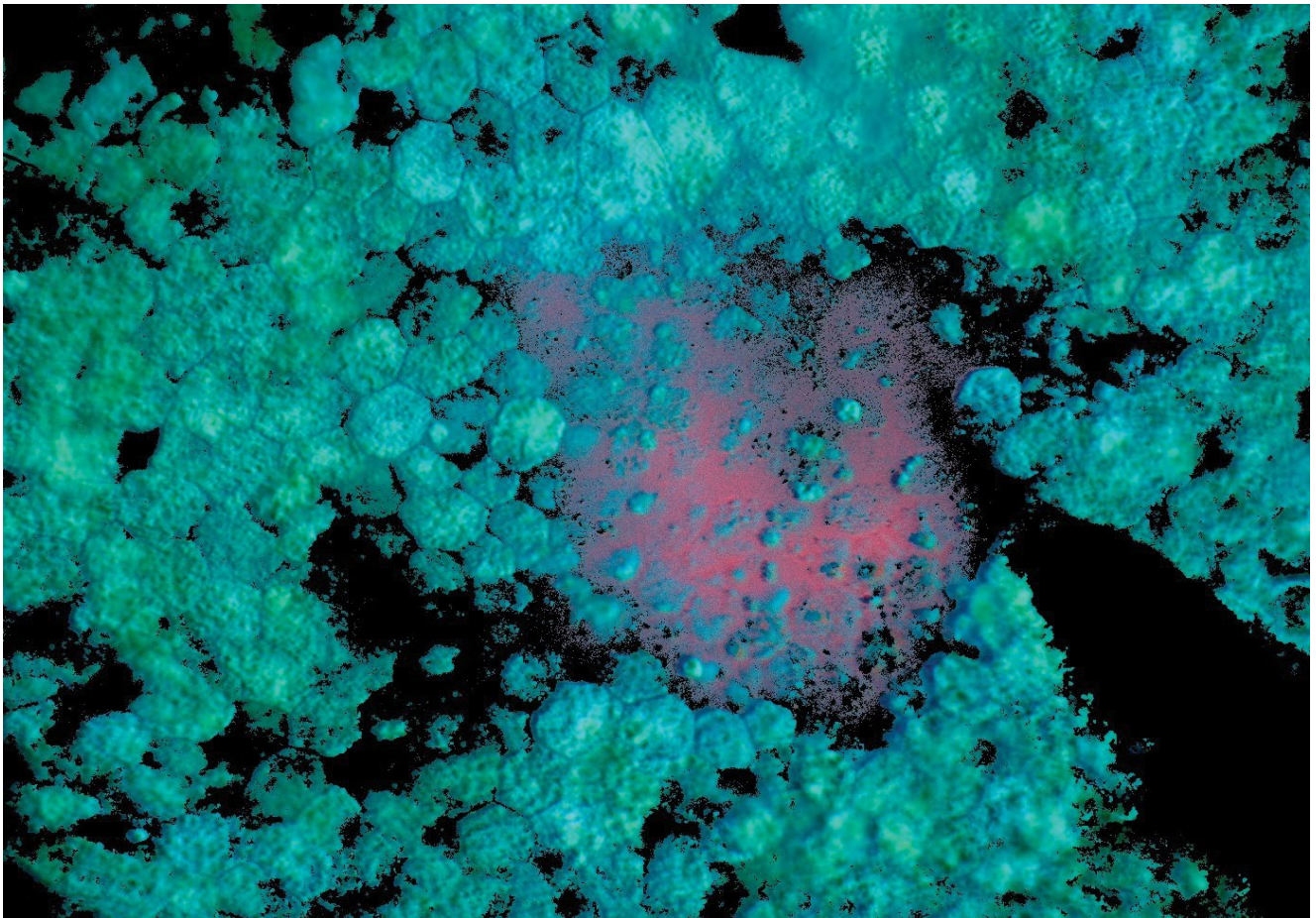




Image 1:008

Sub-RPE Desposits –Ex Vivo Hyperspectral Autofluorescence (AF) Image of Drusen from 84-Year-Old Male Donor with late Age-Related Macular Degeneration



The image is an overlay of 3 images representing the distribution of the 3 most abundant fluorophore signals that were extracted using advanced factorization algorithms. The 3 images were digitally colored red (1), green (2) and blue (3). The signals localized to different components in the RPE as illustrated by color mixing: RPE Cells (azure), sub-RPE deposits (pink). This method demonstrates that distinct fluorophore signals are localized to sub-RPE deposits in AMD tissues.

Information

R. Theodore Smith*, Tal Ben-Ami and Yuehong Tong

New York University, Department of Ophthalmology, New York, USA

***Correspondence:** *R. Theodore Smith, New York University, Department of Ophthalmology, 550 First Avenue, New York, NY 10016, USA, Tel: 212-263-7300; E-mail: tbenami@gmail.com*

Citation: Smith RT, Ben-Ami T, Tong Y (2015) Sub-RPE Desposits –Ex Vivo Hyperspectral Autofluorescence (AF) Image of Drusen from 84-Year-Old Male Donor with late Age-Related Macular Degeneration. Clin Med Img Lib 1:008

Published: August 25, 2015

Copyright: © 2015 Smith RT. This is an open-access content distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.