## Accepted Manuscript

Correlation of spectral domain optical coherence tomography with histology and electron microscopy in the porcine retina

Wankun Xie, Min Zhao, Shu-Huai Tsai, William L. Burkes, Luke B. Potts, Wenjuan Xu, H. Ross Payne, Travis W. Hein, Lih Kuo, Robert H. Rosa, Jr.

PII: S0014-4835(18)30270-7

DOI: 10.1016/j.exer.2018.08.003

Reference: YEXER 7455

To appear in: Experimental Eye Research

Received Date: 8 April 2018

Revised Date: 3 August 2018

Accepted Date: 6 August 2018

Please cite this article as: Xie, W., Zhao, M., Tsai, S.-H., Burkes, W.L., Potts, L.B., Xu, W., Payne, H.R., Hein, T.W., Kuo, L., Rosa Jr., , R.H., Correlation of spectral domain optical coherence tomography with histology and electron microscopy in the porcine retina, *Experimental Eye Research* (2018), doi: 10.1016/j.exer.2018.08.003.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## ACCEPTED MANUSCRIPT

## Correlation of Spectral Domain Optical Coherence Tomography with Histology and Electron Microscopy in the Porcine Retina

Wankun Xie<sup>1,2</sup>, Min Zhao<sup>1,2</sup>, Shu-Huai Tsai<sup>1</sup>, William L. Burkes<sup>1</sup>, Luke B. Potts<sup>2</sup>, Wenjuan Xu<sup>1</sup>, H. Ross Payne,<sup>3</sup> Travis W. Hein<sup>1,2</sup>, Lih Kuo<sup>1,2</sup>, Robert H. Rosa, Jr.<sup>1,2</sup>

1. Department of Medical Physiology, Texas A&M University Health Science Center, Temple, TX

2. Department of Ophthalmology and Ophthalmic Vascular Research Program, Scott & White Eye Institute, Temple, TX

3. Image Analysis Laboratory, Texas A&M University College of Veterinary Medicine, College

Station, TX

Corresponding author:

Robert H. Rosa, Jr., M.D. Scott & White Eye Institute 1815 South 31st Street Temple, TX 76504 Tel 254-724-9172 Fax 254-724-7791 Email Robert.Rosa@BSWHealth.org

Keywords: pig, eye, anatomy, retinal imaging

Declarations of interest: none

<u>Funding</u>: Supported by the Liles Macular Degeneration Research Fund, Kruse Chair Endowment, Baylor Scott & White-Central Texas Foundation, Ophthalmic Vascular Research Program of Baylor Scott & White Health, Retina Research Foundation, NIH NEI R01EY024624 and R21EY024406. Download English Version:

## https://daneshyari.com/en/article/10077604

Download Persian Version:

https://daneshyari.com/article/10077604

Daneshyari.com