Spectral-Domain Optical Coherence Tomography as a Noninvasive Method to Assess Damaged and Regenerating Adult Zebrafish Retinas

We read with interest “Spectral-Domain Optical Coherence Tomography (SD-OCT) as a Noninvasive Method to Assess Damaged and Regenerating Adult Zebrafish Retinas,” by Bailey and coauthors.¹ The article was interesting, but we would like to correct one item in the manuscript. While the authors have claimed their work as novel (“Although SD-OCT has been used to noninvasively image the retinas of a variety of different species, it has not been shown to accurately examine a tissue as small as the zebrafish eye.”), Kagemann and coauthors,² in 2008, reported spectral domain OCT in zebrafish eyes in *Molecular Vision*. Further, the Kagemann study² examined eyes (in addition to brain, heart, ear, and spine) of zebrafish embryos as young as 24 hours post fertilization, using both structural and functional spectral domain OCT imaging. Ironically, while Kagemann et al.² studied zebrafish embryos, the authors of the current study made their measurements in adult fish, while making the claim regarding “tissue as small as a zebrafish eye.”

It would be best for authors to carefully study the literature prior to writing any paper, in particular when claiming primacy.

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Citation: *Invest Ophthalmol Vis Sci*. 2012;53:7315.
doi:10.1167/iovs.12-10925