



Journal of Ophthalmology

Special Issue on

Ocular Biomarkers of Eye and Systemic Disease

CALL FOR PAPERS

Biomarkers are “biological measures” of disease, normal physiological processes, or therapeutic interventions. They are inclusive of biochemical, functional, and structural assays. The eye is an accessible out-pouching of the brain. Moreover, ocular tissues such as the cornea and retina are unique in that they allow direct visualisation of neurons and blood vessels. These attributes lend ocular assays to being effective biomarkers for diseases of the eye and more broadly for systemic health. Indeed, retinal assays have shown utility for assessing diabetic status, predicting cardiovascular compromise, and reflecting neurological disease such as multiple sclerosis and possibly Alzheimer’s disease. Such quantitative markers can improve our ability to predict those patients most likely to progress to disease, to improve diagnosis and monitoring of disease progression, and to assess response to treatments.

We invite investigators to contribute original research articles as well as review articles addressing recent advances in ocular biomarkers of both eye and general systemic health. Original, high quality contributions that are not yet published or that are not currently under review by other journals or peer-reviewed conferences are sought.

Potential topics include, but are not limited to:

- ▶ Ocular biomarkers of eye disease
- ▶ Ocular biomarkers of systemic disease
- ▶ Ocular biomarkers of drug efficacy and safety
- ▶ Technologies or methods aimed at improving quantification of retinal changes
- ▶ Advances in quantitative measures of eye disease
- ▶ Translatable methodologies from animal to human research

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/joph/obesd/>.

Lead Guest Editor

Christine Nguyen, University of Melbourne Parkville, Melbourne, Australia
christine.nguyen@unimelb.edu.au

Guest Editors

Magnus Ivarsson, Proteostasis Therapeutics Inc., Cambridge, USA
magnus.ivarsson@proteostasis.com

Lauren Ayton, University of Melbourne, Melbourne, Australia
lnayton@unimelb.edu.au

Tom Salt, UCL Institute of Ophthalmology, London, UK
t.salt@ucl.ac.uk

Manuscript Due

Friday, 6 May 2016

First Round of Reviews

Friday, 29 July 2016

Publication Date

Friday, 23 September 2016