

Queensland Eye Institute

Publications Report - 2013



Book Chapters

- (1) Bray L.J., George K.A., Suzuki S., Chirila T.V. and Harkin D.G. Fabrication of a corneal-limbal tissue substitute using silk fibroin. In *Methods in regeneration of the cornea*, ed. B. Wright, C. Connon, Humana Press Ltd, New York, 2013, pp.165-178.

Journal Articles

- (1) Armitage W.J., Ashford P., Crow B., Dahl P., DeMatteo J., Distler P., Gopinathan U., Madden P.W., Mannis M.J., Moffatt S.L., Ponzin D. and Tan D.: Standard terminology and labeling of ocular tissue for transplantation. *Cornea*, **32**: 725-728 (2013).
- (2) Aujla J.S., Lee G.A., Vincent S.J. and Thomas R.: Incidence of hypotony and sympathetic ophthalmia following trans-scleral cyclophotocoagulation for glaucoma and a report of risk factors. *Clin. Experiment. Ophthalmol.*, **41**: 761-772 (2013).
- (3) Bray L.J., Suzuki S., Harkin D.G. and Chirila T.V.: Incorporation of exogenous rgd peptide and inter-species blending as strategies for enhancing human corneal limbal epithelial cell growth on bombyx mori silk fibroin membranes. *J. Funct. Biomater.*, **4**: 74-88 (2013).
- (4) Chirila T.V., Suzuki S., Bray L.J., Barnett N.L. and Harkin D.G.: Evaluation of silk sericin as a biomaterial: In vitro growth of human corneal limbal epithelial cells on bombyx mori sericin membranes. *Prog. Biomater.*, **2**: #14 (2013).
- (5) Chirila T.V., Nann T., Toimil-Molares M.E. and Trautmann C.: Nanopores in track-etched polymer membranes as substitutes for the tight junctions in a novel concept of an artificial corneal endothelium. *GSI Sci. Rep. 2012*, **2013-1**: 412 (2013).
- (6) Christian P.G., Harkin D.G., Rayner C. and Schmid K.L.: Comparative effects of posterior eye cup tissues from myopic and hyperopic chick eyes on cultured scleral fibroblasts. *Exp. Eye Res.*, **107**: 11-20 (2013).
- (7) George K.A., Shadforth A.M., Chirila T.V., Laurent M.J., Stephenson S.A., Edwards G.A., Madden P.W., Hutmacher D.W. and Harkin D.G.: Effect of the sterilization method on the properties of bombyx mori silk fibroin films. *Mater.Sci.Eng. C*, **33**: 668-674 (2013).
- (8) Harkin D.G., Apel A.J., Di Girolamo N., Watson S., Brown K., Daniell M.D., McGhee J.J. and McGhee C.N.: Current status and future prospects for cultured limbal tissue transplants in australia and new zealand. *Clin. Experiment. Ophthalmol.*, **41**: 272-281 (2013).
- (9) Hirst L.W.: Other considerations in pterygium surgery. *Ophthalmology*, **120**: e60 (2013).
- (10) Hirst L.W.: Pterygium extended removal followed by extended conjunctival transplant: but on which eye? *Cornea*, **32**: 799-802 (2013).
- (11) Hogerheyde T.A., Stephenson S.A., Harkin D.G., Bray L.J., Madden P.W., Woolf M.I. and Richardson N.A.: Evaluation of eph receptor and ephrin expression within the human cornea and limbus. *Exp. Eye Res.*, **107**: 110-120 (2013).

Queensland Eye Institute

Publications Report - 2013



- (12) Khamar M.B., Vasavada V., Shah S.K., Trivedi R.H. and Thomas R.: Assessment of peripapillary retinal nerve fiber layer thickness using scanning laser polarimetry (gdx vcc) in normal indian children. *Indian J. Ophthalmol.*, **61**: 728-733 (2013).
- (13) Lee A., Anderson A.R., Stevens M.G., Beasley S., Barnett N.L. and Pow D.V.: Excitatory amino acid transporter 5 is widely expressed in peripheral tissues. *Eur. J. Histochem.*, **57**: e11 (2013).
- (14) Lee I.J., Maccheron L.J. and Kwan A.S.: Intravitreal bevacizumab in the treatment of peripapillary choroidal neovascular membrane secondary to idiopathic intracranial hypertension. *J. Neuroophthalmol.*, **33**: 155-157 (2013).
- (15) Lin Z, Liang Y, Wang N, Li S, Mou D, Fan S, Sun S, Tang X, Thomas R.: Peripheral anterior synechia reduce extent of angle wideng after laser peripheral iridotomy in eyes with primary angle closure. *J. Glaucoma*, **22**: 374 - 9 (2013).
- (16) Paterson S.M., Casadio Y.S., Brown D.H., Shaw J.A., Chirila T.V. and Baker M.V.: Laser scanning confocal microscopy versus scanning electron microscopy for characterization of polymer morphology: Sample preparation drastically distorts morphologies of poly(2-hydroxyethyl methacrylate)-based hydrogels. *J. Appl. Polym. Sci.*, **127**: 4296-4304 (2013).
- (17) Paterson S.M., Shadforth A.M.A., Shaw J.A., Brown D.H., Chirila T.V. and Baker M.V.: Improving the cellular invasion into phema sponges by incorporation of the rgd peptide ligand: The use of copolymerization as a means to functionalize phema sponges. *Mat. Sci.Eng. C*, **33**: 4917-4922 (2013).
- (18) Suzuki S. and Ikada Y.: Sealing effects of cross-linked gelatin. *J. Biomater. Appl.*, **27**: 801-810 (2013).
- (19) Thomas R. and Mengersen K.: Is the observed lowering of IOP due to treatment? *Indian J. Ophthalmol.*, **61**: 119-121 (2013).
- (20) Thomas R. and Walland M.J.: Management algorithms for primary angle closure disease. *Clin. Experiment. Ophthalmol.*, **41**: 282-292 (2013).
- (21) Tsujimoto H., Tanzawa A., Matoba M., Hashimoto A., Suzuki S., Morita S., Ikada Y. and Hagiwara A.: The anti-adhesive effect of thermally cross-linked gelatin film and its influence on the intestinal anastomosis in canine models. *J. Biomed. Mater. Res. B Appl. Biomater.*, **101**: 99-109 (2013).
- (22) Walland M. and Thomas R.: Ophthalmologists' success in cancer prevention. *Clin. Experiment. Ophthalmol.*, **41**: 815-816 (2013).