

### Journal Articles

- (1) Bray L.J., George K.A., Hutmacher D.W., Chirila T.V. and Harkin D.G.: A dual-layer silk fibroin scaffold for reconstructing the human corneal limbus. *Biomaterials*, **33**: 3529-3538 (2012).
- (2) Bray L.J., Heazlewood C.F., Atkinson K., Hutmacher D.W. and Harkin D.G.: Evaluation of methods for cultivating limbal mesenchymal stromal cells. *Cytotherapy*, **14**: 936-947 (2012).
- (3) Chirila T.V., George K.A., Ghafor W.A.A., Pas S.J. and Hill A.J.: Sequential homo-interpenetrating polymer networks of poly(2-hydroxyethyl methacrylate): Synthesis, characterization and calcium uptake. *J.f Appl. Polym. Sci.*, **126**: E455-E466 (2012).
- (4) Christensen M.E., Sinfield L.J., Cullup H., Waterhouse N.J., Atkinson K. and Rice A.M.: Environmental conditions are important for establishing and evaluating pre-clinical models of gvhd. *Bone Marrow Transplant.*, **47**: 607-609 (2012).
- (5) Garudadri C.S., Rao H.L., Parikh R.S., Jonnadula G.B., P S., Nutheti R. and Thomas R.: Effect of optic disc size and disease severity on the diagnostic capability of glaucoma imaging technologies in an indian population. *J. Glaucoma*, **21**: 475-480 (2012).
- (6) George K.A., Chirila T.V. and Wentrup-Byrne E.: Effects of crosslink density on hydrolytic degradation of poly(l-lactide)-based networks. *Polym. Degrad. Stab.*, **97**: 964-971 (2012).
- (7) Harkin D.G. and Chirila T.V.: Silk fibroin in ocular surface reconstruction – what is its potential as a biomaterial in ophthalmics? *Future Med. Chem.*, **4**:(2012).
- (8) Hirst L.W.: Recurrence and complications after 1000 surgeries using pterygium extended removal followed by extended conjunctival transplant. *Ophthalmology*, **119**: 2205-2210 (2012).
- (9) Kwan A.S.L.: Laser photocoagulation for diabetic macular oedema in the era of anti-vascular endothelial growth factor therapy: is there a role? *Clin. Experiment. Ophthalmol.*, **40**: 535-536 (2012).
- (10) Lee A., Anderson A.R., Barnett N.L., Stevens M.G. and Pow D.V.: Alternate splicing and expression of the glutamate transporter EAAT5 in the rat retina. *Gene*, **506**: 283-288 (2012).
- (11) Liang Y.B., Xie C., Meng H.L., Feng M.Y., Fan S.J., Liu L.R., Xie L.L., Chao J., Wang X., Wang N.L., Li N. and Thomas R.: Daytime fluctuation of intraocular pressure in patients with primary angle-closure glaucoma following trabeculectomy. *J. Glaucoma*, **22**: 349-54 (2012).

# Queensland Eye Institute Publications Report - 2012



- (12) Paterson S.M., Brown D.H., Shaw J.A., Chirila T.V. and Baker M.V.: Synthesis of poly(2-hydroxyethyl methacrylate) sponges via activators regenerated by electron-transfer atom-transfer radical polymerization. *Aust. J. Chem.*, **65**: 931-934 (2012).
- (13) Paterson S.M., Shadforth A.M.A., Brown A.S., Madden P.W., Chirila T.V. and Baker M.V.: The synthesis and degradation of collagenase-degradable poly(2-hydroxyethyl methacrylate)-based hydrogels and sponges for potential applications as scaffolds in tissue engineering. *Mater. Sci. Eng. C*, **32**: 2536-2544 (2012).
- (14) Shadforth A.M.A., George K.A., Kwan A.S.L., Chirila T.V. and Harkin D.G.: The cultivation of human retinal pigment epithelial cells on bombyx mori silk fibroin. *Biomaterials*, **33**: 4110-4117 (2012).
- (15) Shen W., Fruttiger M., Zhu L., Chung S., Barnett N.L., Kirk J.K., Lee S., Coorey N.J., Killingsworth M., Sherman L.S. and Gillies M.C.: Conditional Muller cell ablation causes independent neuronal and vascular pathologies in a novel transgenic model. *J. Neurosci.*, **32**: 15715-15727 (2012).
- (16) Thomas R.: Glaucoma in developing countries. *Indian J. Ophthalmol.*, **60**: 446-50 (2012).
- (17) Vaddavalli P.K., Garg P., Rao G.N., Sharma S. and Thomas R.: Confocal microscopy. Author reply. *Ophthalmology*, **119**: 429-430 (2012).
- (18) Walland M.J., Parikh R. and Thomas R.: There is insufficient evidence to recommend lens extraction as a treatment for primary open angle glaucoma. An evidence-based perspective. *Clin. Experiment. Ophthalmol.*, **40**: 400-407 (2012).
- (19) Walland M.J., Thomas R.: 'Please doctor, I have glaucoma. Can't you remove my lens?' *Clin. Experiment. Ophthalmol.*, **40**: 648-649 (2012).