

## Publications for Siva Purushothuman

### 2017

Kim, B., Brandli, A., Mitrofanis, J., Stone, J., Purushothuman, S., Johnstone, D. (2017). Remote tissue conditioning  $i_c^{1/2}$  An emerging approach for inducing body-wide protection against diseases of ageing. *Ageing Research Reviews*, 37, 69-78. <a href="http://dx.doi.org/10.1016/j.arr.2017.05.005">[More Information]</a>

Brandli, A., Gerhart, J., Sutura, C., Purushothuman, S., George-Weinstein, M., Stone, J., Bravo-Nuevo, A. (2017). Role of Myo/Nog cells in neuroprotection: Evidence from the light damaged retina. *PloS One*, 12(1), 1-15. <a href="http://dx.doi.org/10.1371/journal.pone.0169744">[More Information]</a>

### 2015

Shahandeh, A., Purushothuman, S., Martin, K., Graham, M., Johnstone, D., Milward, E. (2015). Anti-oxidant Phytochemicals as Potential Treatments for Age-Related Macular Degeneration. *Antioxidant Activity*, 1(1), 29-41. <a href="http://dx.doi.org/10.14302/issn.2471-2140.jaa-14-616">[More Information]</a>

Purushothuman, S., Johnstone, D., Nandasena, C., van Eersel, J., Ittner, L., Mitrofanis, J., Stone, J. (2015). Near infrared light mitigates cerebellar pathology in transgenic mouse models of dementia. *Neuroscience Letters*, 591, 155-159. <a href="http://dx.doi.org/10.1016/j.neulet.2015.02.037">[More Information]</a>

Purushothuman, S. (2015). Oxidative stress in neurodegenerative conditions and the protective potential of a natural antioxidant, dietary saffron. *Oxidants and Antioxidants in Medical Science*, 4(3), 112-118. <a href="http://dx.doi.org/10.5455/oams.191015.rv.020">[More Information]</a>

Purushothuman, S., Stone, J. (2015). The reaction of cerebral cortex to a nearby lesion: Damage, survival, self-protection. *Brain Research*, 1601, 52-63. <a href="http://dx.doi.org/10.1016/j.brainres.2015.01.003">[More Information]</a>

### 2014

Johnstone, D., El Massri, N., Moro, C., Spana, S., Wang, X., Torres, N., Chabrol, C., de Jaeger, X., Reinhart, F., Purushothuman, S., Stone, J., Mitrofanis, J., et al (2014). Indirect application of near infrared light induces neuroprotection in a mouse model of parkinsonism - an abscopal neuroprotective effect. *Neuroscience*, 274, 93-101. <a href="http://dx.doi.org/10.1016/j.neuroscience.2014.05.023">[More Information]</a>

Moro, C., El Massri, N., Torres, N., Ratel, D., de Jaeger, X., Chabrol, C., Perraut, F., Bourgerette, A., Berger, M., Purushothuman, S., Johnstone, D., Stone, J., Mitrofanis, J., et al (2014). Photobiomodulation inside the brain: a novel method of applying near-infrared light intracranially and its impact on dopaminergic cell survival in MPTP-treated mice. *Journal of Neurosurgery*, 120(3), 670-683. <a href="http://dx.doi.org/10.3171/2013.9.JNS13423">[More Information]</a>

Purushothuman, S., Johnstone, D., Nandasena, S., Mitrofanis, J., Stone, J. (2014). Photobiomodulation with near infrared light

mitigates Alzheimer's disease-related pathology in cerebral cortex - evidence from two transgenic mouse models. *Alzheimers Research & Therapy*, 6(1), 1-13. <a href="http://dx.doi.org/10.1186/alzrt232">[More Information]</a>

### 2013

Purushothuman, S., Nandasena, C., Peoples, C., El Massri, N., Johnstone, D., Mitrofanis, J., Stone, J. (2013). Saffron Pre-Treatment Offers Neuroprotection to Nigral and Retinal Dopaminergic Cells of MPTP-Treated mice. *Journal of Parkinson's Disease*, 3(1), 77-83. <a href="http://dx.doi.org/10.3233/JPD-130173">[More Information]</a>

Purushothuman, S., Nandasena, S., Johnstone, D., Stone, J., Mitrofanis, J. (2013). The impact of near-infrared light on dopaminergic cell survival in a transgenic mouse model of parkinsonism. *Brain Research*, 1535, 61-70. <a href="http://dx.doi.org/10.1016/j.brainres.2013.08.047">[More Information]</a>

Purushothuman, S., Marotte, L., Stowe, S., Johnstone, D., Stone, J. (2013). The response of cerebral cortex to haemorrhagic damage: experimental evidence from a penetrating injury model. *PloS One*, 8(3), 1-18. <a href="http://dx.doi.org/10.1371/journal.pone.0059740">[More Information]</a>

Di Marco, F., Romeo, S., Nandasena, S., Purushothuman, S., Adams, C., Bisti, S., Stone, J. (2013). The time course of action of two neuroprotectants, dietary saffron and photobiomodulation, assessed in the rat retina. *American Journal of Neurodegenerative Disease*, 2(3), 208-220.