



Rupesh Agrawal

Associate Professor Rupesh Agrawal is a senior consultant ophthalmologist – clinician scientist and Deputy head of research at National Healthcare Group Eye Institute @ Tan Tock Seng Hospital, Singapore

Biography

Dr Rupesh Agrawal, is practising as Senior Consultant Ophthalmologist at National Healthcare Group Eye Institute, Tan Tock Seng Hospital, Singapore. After completing his medical studies from Nagpur (India), he did his post-graduation and fellowship in Uveitis and Ocular trauma from Sankara Netralaya, Chennai (India). He was subsequently working as Consultant Ophthalmologist (Uveitis, Ocular Trauma and Cataract) at Shri Ganapati Netralaya, Jalna (India). He also worked briefly at L V Prasad Eye Institute before migrating to Singapore in 2009. Subsequently he is working in Singapore and has been involved in significant translational and basic science research projects. He completed his overseas research training fellowship – awarded by National Medical Research Council Scholarship, Ministry of Health, Singapore at University College London on retinal imaging using retinal leukogram and erythrogram projects. He is also working on mechanical properties of the red blood cell and its implications in microvascular disorders.

As a visiting scholar, he also had an opportunity to work with Prof Carlos Pavesio and accomplished numerous research projects at prestigious Moorfields Eye Hospital, London, UK. He has done Global Scholars Research Training from prestigious Harvard Medical School. His areas of interest are Ocular inflammatory disorders including cytokines, ocular tuberculosis and HIV, ocular trauma, ocular nanotechnology, blood corpuscular abnormalities in context of microvascular disorders and retinal imaging. He is also trying to look at 'Choroidal Vascularity Index' based on choroidal imaging using optical coherence tomography. He has published extensively on ocular inflammation and ocular trauma in peer reviewed journals and has presented numerous free papers and delivered lectures on Ocular trauma and Uveitis both nationally and internationally. He has to his credit 200+ peer reviewed publications and 50+ book chapters. He is actively involved in numerous collaborative projects on uveitis. He is recipient of many grants for numerous basic science projects pertinent to ocular inflammation. He is currently secretary of International Society of Ocular trauma and Asia Pacific Ophthalmic Trauma Society. He has been recipient of many awards and research grants. He was also conferred with Healthcare Humanity Award by President of Republic of Singapore in 2011 for his humanitarian and pro-bono projects in remote areas of the world. He is also involved heavily in charity projects across Asia. He was recently awarded President Voluntarism Philanthropy Award by president of Singapore for his charity work in Asia.