Thomas V. Johnson, MD, PhD

Thomas V Johnson, MD, PhD is the Shelly & Allan Holt Rising Professor of Ophthalmology at the Johns Hopkins Wilmer Eye Institute. He is an ophthalmologist specializing in the treatment of complex glaucoma in children and adults. In addition, he is the principal investigator of a translational neuroscience laboratory working to better understand the molecular and cellular mechanisms that lead to retinal ganglion cell death in glaucoma while developing neuroprotective and neuro-regenerative treatments for the disease. Dr. Johnson's laboratory is at the forefront of regenerative medicine as applied to glaucoma and is developing methods to restore vision for patients with optic neuropathy through transplantation of human stem cell derived neurons into the eye and repair of the damaged visual pathway. A 2023 bibliometric analysis of published literature found that Dr. Johnson is one of the top 10 most impactful authors of research involving applications of stem cells in glaucoma worldwide. Dr. Johnson is an editorial board member of Ophthalmology Science and Investigative Ophthalmology and Visual Science (IOVS). He is also the Chairman of the Organizing Committee for the international RGC Repopulation, Stem Cell Transplantation, and Optic Nerve Regeneration (RReSTORe) Consortium (http://rrestore.info) and his laboratory is funded by the NIH, DoD, Research to Prevent Blindness, the BrightFocus Foundation, The Glaucoma Foundation, and the American Glaucoma Society. More information can be found at http://johnsonlabjhu.com.