

The Eye as A Vertically Integrated Window into the Brain

February 18

Tuesday, 12:30 pm

Weekly Colloquium

Billings Building Rosedale Conference Room



Speaker: Elliot M Frohman, M.D., Ph.D., FANA, FAAN

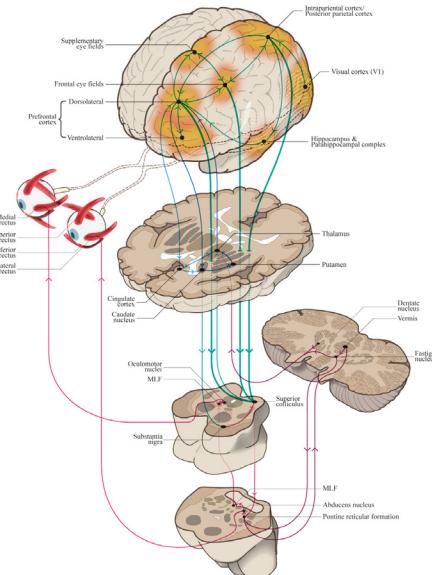
Professor of Neurology, Ophthalmology &
Neurosurgery
The Mulva Center for the Neurosciences
Director, The Multiple Sclerosis &
Neuroimmunology Center
The Dell Medical School at The University
of Texas at Austin
Austin, Texas

Hosts: Rajiv R. Ratan, M.D., Ph.D.

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Abstract



1. Sobhanian MJ, Agarwal R, Meltzer E, Kildebeck E, Frohman BS, Frohman AN, Galetta SL, Saidha S, White O, Villoslada P, Paul F, Petzold A, Rennaker RL, Martinez-Lapiscina EH, Balcer LJ, Kardon R, Frohman EM, Frohman TC. Identification and treatment of the visual processing asymmetry in MS patients with optic neuritis: The Pulfrich phenomenon. *J Neurol Sci.* 2018 Apr 15;387:60-69. doi: 10.1016/j.jns.2018.01.029. Epub 2018 Feb 3. PubMed PMID: 29571874.
 2. Meltzer E, Sguigna PV, Subei A, Beh S, Kildebeck E, Conger D, Conger A, Lucero M, Frohman BS, Frohman AN, Saidha S, Galetta S, Calabresi PA, Rennaker R, Frohman TC, Kardon RH, Balcer LJ, Frohman EM. Retinal Architecture and Melanopsin-Mediated Pupillary Response Characteristics: A Putative Pathophysiologic Signature for the Retino-Hypothalamic Tract in Multiple Sclerosis. *JAMA Neurol.* 2017 May 1;74(5):574-582. doi: 10.1001/jamaneurol.2016.5131. PubMed PMID: 28135360; PubMed Central PMCID: PMC5822208.
 3. Fielding J, Clough M, Beh S, Millist L, Sears D, Frohman AN, Lizak N, Lim J, Kolbe S, Rennaker RL 2nd, Frohman TC, White OB, Frohman EM. Ocular motor signatures of cognitive dysfunction in multiple sclerosis. *Nat Rev Neurol.* 2015 Nov;11(11):637-45. doi: 10.1038/nrneurol.2015.174. Epub 2015 Sep 15. Review. PubMed PMID: 26369516.



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