**Yael Eshed-Eisenbach List of Publications:**

1. Eshed Y, Feinberg K, Poliak S, Sabanay H, Sarig-Nadir O, Spiegel I, Bermingham JR Jr, Peles E. Gliomedin mediates Schwann cell-axon interaction and the molecular assembly of the nodes of Ranvier. Neuron. 2005 Jul 21;47(2):215-29.

2. Spiegel I, Adamsky K, Eisenbach M, Eshed Y, Spiegel A, Mirsky R, Scherer SS, Peles E. Identification of novel cell-adhesion molecules in peripheral nerves using a signal-sequence trap. Neuron Glia Biol. 2006 Feb;2(1):27-38.

3. Eshed Y, Feinberg K, Carey DJ, Peles E. Secreted gliomedin is a perinodal matrix component of peripheral nerves. J Cell Biol. 2007 May 7;177(3):551-62.

4. Spiegel I, Adamsky K, Eshed Y, Milo R, Sabanay H, Sarig-Nadir O, Horresh I, Scherer SS, Rasband MN, Peles E. A central role for Necl4 (SynCAM4) in Schwann cell-axon interaction and myelination. Nat Neurosci. 2007 Jul;10(7):861-9.

5. Eisenbach M, Kartvelishvily E, Eshed-Eisenbach Y, Watkins T, Sorensen A, Thomson C, Ranscht B, Barnett SC, Brophy P, Peles E. [Differential clustering of Caspr by oligodendrocytes and Schwann cells.](http://www.ncbi.nlm.nih.gov/pubmed/19565653) J Neurosci Res. 2009 Nov 15;87(15):3492-501

6. Feinberg K, Eshed-Eisenbach Y, Frechter S, Amor V, Salomon D, Sabanay H, Dupree JL, Grumet M, Brophy PJ, Shrager P, Peles E. [A glial signal consisting of gliomedin and NrCAM clusters axonal Na+ channels during the formation of nodes of Ranvier.](http://www.ncbi.nlm.nih.gov/pubmed/20188654) Neuron. 2010 Feb 25;65(4):490-502.

7. Ng JK, Malotka J, Kawakami N, Derfuss T, Khademi M, Olsson T, Linington C, Odaka M, Tackenberg B, Prüss H, Schwab JM, Harms L, Harms H, Sommer C, Rasband MN, Eshed-Eisenbach Y, Peles E, Hohlfeld R, Yuki N, Dornmair K, Meinl E. [Neurofascin as a target for autoantibodies in peripheral neuropathies.](http://www.ncbi.nlm.nih.gov/pubmed/23100406) Neurology. 2012 Dec 4;79(23):2241-8.

8. Susuki K, Chang KJ, Zollinger DR, Liu Y, Ogawa Y, Eshed-Eisenbach Y, Dours-Zimmermann MT, Oses-Prieto JA, Burlingame AL, Seidenbecher CI, Zimmermann DR, Oohashi T, Peles E, Rasband MN. Three mechanisms assemble central nervous system nodes of Ranvier. Neuron. 2013 May 8;78(3):469-82

9. Golan N, Kartvelishvily E, Spiegel I, Salomon D, Sabanay H, Rechav K, Vainshtein A, Frechter S, Maik-Rachline G, Eshed-Eisenbach Y, Momoi T, Peles E. [Genetic deletion of Cadm4 results in myelin abnormalities resembling Charcot-Marie-Tooth neuropathy.](http://www.ncbi.nlm.nih.gov/pubmed/23825401) J Neurosci. 2013 Jul 3;33(27):10950-61.

10. Eshed-Eisenbach Y, Peles E. [The making of a node: a co-production of neurons and glia.](http://www.ncbi.nlm.nih.gov/pubmed/23831261) Curr Opin Neurobiol. 2013 Dec;23(6):1049-56.

11. Eshed-Eisenbach Y, Peles E. [Axonal spectrins: all-purpose fences.](http://www.ncbi.nlm.nih.gov/pubmed/24217615) J Cell Biol. 2013 Nov 11;203(3):381-3.

12. Amor V, Feinberg K, Eshed-Eisenbach Y, Vainshtein A, Frechter S, Grumet M, Rosenbluth J, Peles E. [Long-term maintenance of Na+ channels at nodes of Ranvier depends on glial contact mediated by gliomedin and NrCAM.](http://www.ncbi.nlm.nih.gov/pubmed/24719088) J Neurosci. 2014 Apr 9;34(15):5089-98.