

## **Publication List:**

Birch EE, Duffy KR (2024) Leveraging neural plasticity for the treatment of amblyopia. *Survey of Ophthalmology*

Duffy KR, Bear MF, Patel NB, Das VE, Tychsen L (2023) Human deprivation amblyopia: treatment insights from animal models. *Frontiers in Neuroscience*, 17:1249466.

Duffy KR, Crowder NA, Heynen AJ, Bear MF (2023) Comparative analysis of structural modifications induced by monocular retinal inactivation and monocular deprivation in the developing cat lateral geniculate nucleus. *Journal of Comparative Neurology*, 532, 1244-1260.

Hogan M, DiCostanzo NR, Crowder NA, Fong MF, Duffy KR (2023) Investigation of the efficacy and safety of retinal inactivation as a treatment for amblyopia in cats. *Frontiers in Neuroscience* 17:1167007.

Henneberry JM, Elgallad J, Smith S, Duffy KR (2023) Early monocular deprivation reduces the capacity for neural plasticity in the cat visual system. *Cerebral Cortex Communications*

Fong M-F, Duffy KR, Leet MP, Candler CT, Bear MF (2021) Correction of amblyopia in cats and mice after the critical period. *eLife*. 10: e70023.

MacNeill K, Myatt A, Duffy KR, Mitchell DE (2021) Documentation of the development of various visuomotor responses in typically reared kittens and those reared with early selected visual exposure by use of a new procedure. *Frontiers in Neuroscience* 10:15.

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