



Cover image: In the *Drosophila melanogaster* model of Hereditary Spastic Paraplegia (HSP), the downregulation of spastin protein levels significantly affects neuromuscular junction (NMJ) morphology. Here the authors show a digital confocal image of *Drosophila melanogaster* NMJ. Muscle fibers are labeled in pink by phalloidin staining; presynaptic side in blue by anti-HRP antibody and the microtubule associated protein MAP1 (Futsch) is labeled in yellow. *Brain*. 2024; 147(10):3534–3546.

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