



A starry pathway to the galaxy of HSP. The image shows a Hereditary Spastic Paraplegia patient-derived olfactory stem cell labelled for the cytoskeleton: actin (green), the organelles i.e. peroxisomes (red) and the nucleus (blue). Traditionally, rapid peroxisome movement has been shown to be dependent on microtubules available for transport. However, in Hereditary Spastic Paraplegia patients we hypothesize that the peroxisomes are taking an alternate route via actin (shown here) against microtubules, as acetylated α -tubulin is downregulated in these patient cells. See the article by Fan et al. (doi: 10.1242/bio.20147641). Photo credit: Gautam Wali.

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