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Applying soft X-ray tomography to support therapeutic development for Muscular Dystrophies

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Our aim was to apply high resolution and precision techniques to investigate the efficacy of gene editing to revert the cellular and biochemical phenotype of cells harbouring collagen VI mutations which give raise to a severe form of Muscular Dystrophy. Soft X-ray tomography can provide new structural and complementary results given that no sectioning is required, thus preserving the ultrastructure of the cell and the possibility to obtain qualitative and quantitative information from whole cells.

Would you like to participate in the Poster Prize competition?

No

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