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MYO5B in health and disease

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MYO5B in health and disease

By Qinghong Li

1. Mutations in genes regulating the location of canalicular protein can lead to cholestasis.
2. *MYO5B* mutation in the intestine can alleviate *MYO5B*-induced cholestasis by acting as an ASBT inhibitor.
3. *MYO5B* mutations cause cholestasis by disrupting normal function of recycling endosome.
4. *Unc45a* regulates co-translation of *MYO5B* messenger RNA.
5. Mutations in *UNC45A* lead to intestinal symptoms through dysfunction of multiple myosins.
6. *Unc45a*, as a myosin chaperone, is a potential therapeutic target for both rare diseases and aging.
7. Never be afraid.
8. Nothing gold can stay (Robert Frost in 1923), so stay gold.