

Studies on Intracellular Logistics

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Propositions

- Distribution of soluble proteins following mitosis is facilitated by tight reformation of the nuclear envelope around the condensed genetic material.
- The proper distribution of the proteasome mainly occurs through active nuclear import following mitosis, after which this activity subsides.
- Proteasomal nuclear import has the potential to be therapeutic cancer target.
- 4. The ER is capable of movement by hitchhiking along with mobile late endosomes.
- 5. Late endosome mediated ER movement is necessary for the maintaining ER complexity.
- 6. ER hitchhiking is the third form of ERmovement.
- MOSPD2 is a novel VAP family protein involved in ER-late endosomal membrane contact sites.
- 8. MOSPD2 is likely involved in transporting Ceramide from the ER to the cis-Golgi network.
- A picture says more than a thousand words is also highly applicable to images acquired of cells.
- 10. Professors should listen to their children more often.