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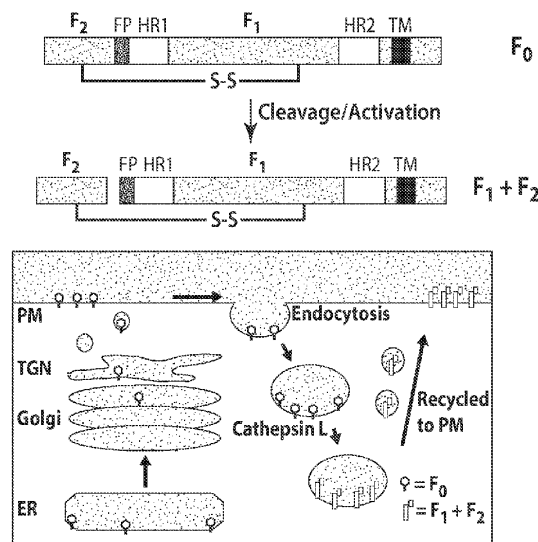


FIG. 1A

(57) Abstract: The present disclosure provides, at least in part, methods and compositions for producing fusosomes. In some embodiments, a producer cell for producing fusosomes comprises an exogenous or overexpressed cathepsin molecule. In some embodiments, these cells generate an increased level of active fusogen, leading to a higher proportion of fusogenically active fusosomes.

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