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Nota di contenuto	Cell fusion; Contents; Introduction; Lessons for the study of membrane fusion from membrane interactions in phospholipid systems; Discussion; Fusogenic mechanisms; Discussion; Non-bilayer structures in membrane fusion; Discussion; Electro-fusion of cells: principles and potential for the future; Discussion; Molecular aspects of sperm-egg fusion; Discussion; Myoblast fusion and inositol phospholipid breakdown: causal relationship or coincidence?; Discussion; Plant-animal cell fusions; Discussion Transfer of plasma membrane proteins between cells using reconstituted membrane vesicles as shuttle vehiclesDiscussion; Insertion of EGF receptors into target cells in the absence of fusogenic agents; Discussion; The use of specific antibodies to mediate fusion between Sendai virus envelopes and living cells; Discussion; What determines the degradation rate of an injected protein?; Discussion; Degradative fate of transplanted proteins; Discussion; Expression of mRNAs microinjected into somatic cells; Discussion Immunospecific vesicle targeting facilitates fusion with selected cell