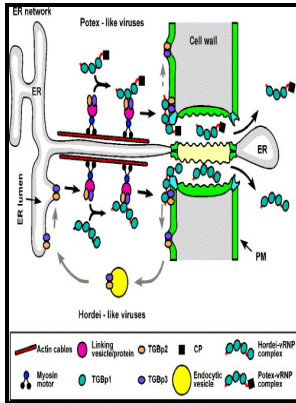


Studies on the cell-to-cell movement of tobacco mosaic virus.

University of East Anglia - Tobacco Mosaic Virus (TMV): Structure and Replication



Description: -

-Studies on the cell-to-cell movement of tobacco mosaic virus.

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Notes: Thesis (Ph.D), University of East Anglia, School of Biological Sciences, 1990.

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Tags: #Characterization #of #mutant #tobacco #mosaic #virus #coat #protein #that #interferes #with #virus #cell

The tubule

However, it is not clear how CP regulates the accumulation or function of MP. Different isolates of a particular virus may differ significantly in both serological and biological characteristics that complicate disease diagnosis and identification.

The tubule

Transgenic plants expressing potato virus X ORF2 protein p24 are resistant to tobacco mosaic virus and Ob tobamoviruses. Many crops are susceptible to multiple viruses, each of which may cause serious economic losses, and infected plant material may not be acceptable for export. The work described in this report is carried out under a Specific Cooperative Agreement, and thus has no formal Project Plan or milestones.

Tobacco Mosaic Virus (TMV): Structure and Replication

The CP gene is less similar to ToMV, TMGMV and a petunia tobamovirus.

The tubule

Tobacco protoplasts were prepared from BY-2 suspension cell cultures, inoculated with RNA, and transcribed in vitro via electroporation, as described. Transgenic lines of *Nicotiana tabacum* Xanthi-*nn* that produce wt TMV CP line 3646; ref. The Society has played a part in some of the most fundamental, significant, and life-changing discoveries in scientific history and Royal Society scientists continue to make outstanding contributions to science in many research areas.

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