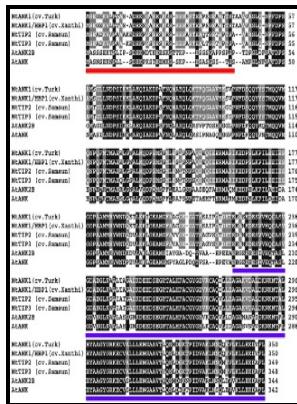


# Studies on the cell-to-cell movement of tobacco mosaic virus.

## 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.

This edition was published in 1990



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Tags: #The #tubule

### Tobacco Mosaic Virus: A Pioneer of Cell

As a result of such studies, it is known that transgenic CP interferes with virus disassembly early after virus entry —.

### Tobacco Mosaic Virus: A Pioneer of Cell

In contrast, infection by TMV-CP T42W:GFP resulted in accumulation of CP T42W:GFP in large fluorescent aggregates around the nucleus Fig. We have been working on several sizes of plants to conduct these studies to determine patterns of movement in petunia. The research in this project contributes to Components I Identification and Classification of Pathogens , III Cultural Control , and IV Pathogen Biology, Genetics, Population Dynamics, Spread and Relationship with Hosts and Vectors.

### Identification and Study of Tobacco Mosaic Virus Movement Function by Complementation Tests on JSTOR

Milestones of the associated in-house research are described in the report for 1230-22000-012-00D.

### Cell

Infected plants were uniformly detected as infected using enzyme-linked immunosorbent assay ELISA methods. Transcripts were inoculated to plants as described. 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.

### STUDIES ON MULTIPLICATION, MOVEMENT AND DISTRIBUTION OF TOBACCO MOSAIC VIRUS AND OTHER TOBAMOVIRUSES WITHIN PETUNIA

Presumably, P30 then associates with a certain proportion of the viral RNA molecules, sequestering them from replication and mediating their transport into neighbouring uninfected host cells. The National Gardening Association reported that 85 million U.

## **Cell**

Distribution and multiplication of tobacco mosaic virus within petunia The influence of propagation and growing conditions were examined as factors influencing detection of a tobamovirus infecting vegetatively propagated petunia.

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