

INSTITUTE FOR PLANT VIRUS RESEARCH

Establishment: 1964

Location: 959 Aoba-cho, Chiba City, Chiba Prefecture

Director: Yoshiro SAKURAI

Total Number of Employees: 46 (Research personnel: 31)

Outline of Work:

This institute was founded with the purpose of making fundamental studies on plant viruses and virus diseases, in order to establish disease control techniques for field crops, horticultural plants, and forest trees.

Recent Principal Research Findings:

In vivo uncoating of tobacco mosaic virus after infection of tobacco leaves.
Assembly mechanism of tobacco mosaic virus particle from its RNA and protein.

Identification and soil-nematode transmission of several viruses affecting vegetables and ornamentals.

Preparation of tobacco mesophyll protoplasts and their infection by tobacco mosaic and other viruses.

Organizational Structure and Main Research Themes:

Director—

- General Administration Section.
- 1st Research Division (3 laboratories)—Nature of plant viruses.
- 2nd Research Division (3 laboratories)—Plant virus diseases.