

# Virology Laboratory

Diagnostic procedures and techniques to detect and identify phytopathogenic viruses of economic and quarantine importance.

The techniques used in this laboratory to verify the presence of phytopathogenic viruses fall into two groups: serological detection of capsid protein or other proteins encoded by virus genome, and detection of virus-specific nucleic acids.

In the latter, such verification is also carried out by means of molecular techniques, when there are diagnosis protocols to perform immunocapture, electrophoresis, and molecular hybridization, PCR or RT-PCR.