

AREA

ADVANCING RESEARCH IN AGRICULTURAL AND
FOOD SCIENCES AT FACULTY OF AGRICULTURE,
UNIVERSITY OF BELGRADE

Laboratory for Phytobacteriology

Faculty of Agriculture, University of Belgrade

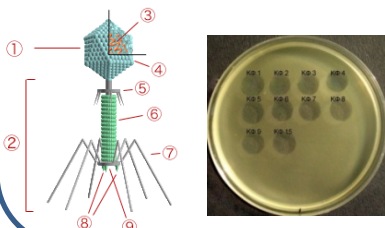
Research topics:



**Diagnosis of bacterial
diseases affecting
vegetables, fruits and
grapevine**



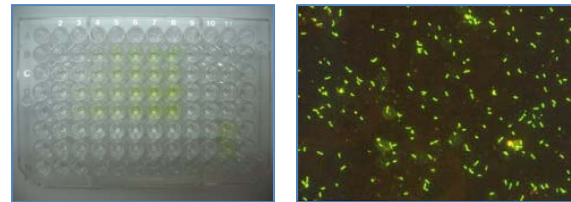
**Biological control
(Bacteriophages)**



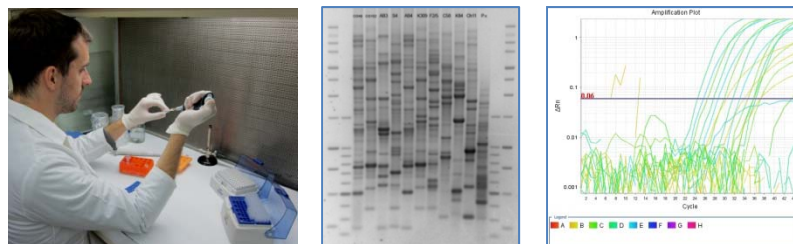
**Detection, identification and characterization
of plant pathogenic bacteria**



Conventional bacteriological methods



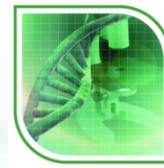
Serological methods (ELISA, Immunofluorescence)



**Molecular methods (PCR, Real-time PCR,
PCR-RFLP, RAPD, Rep-PCR, Sequencing)**



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Research equipment:



Analytical Balance



Orbital shaker



Centrifuge



pH meter



Waterbath



Magnetic Stirrer

Sample processing
Media preparation



Laminar Flow Hood



Turbidimeter



Incubator



Ultra-low Temperature Freezer

Bacteria isolation, growth
and preservation



Thermal Cycler



Submarine Electrophoresis
Units and power supply



UV Transilluminator and Gel
Documentation System

PCR-
based
techniques

Working team:

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