

INFORMATION ABOUT THE PERSON FILLING THE FORM	
Name and family name	<i>Gabriela Vuletin Selak</i>
Research organization	<i>Institute for Adriatic Crops, Split</i>
Position in the organization	<i>Researcher</i>
Country	<i>Croatia</i>
E-mail	<i>gabriela@krs.hr</i>
FACILITY ¹	
Name of the facility	<i>Equipment for microscopy and plant histology</i>
	<i>URL address</i>
Location of the facility	<i>Croatia</i>
	<i>Put Duilova 11, Split</i>
Start date	<i>2007</i>
Type of facility	<ol style="list-style-type: none"> <i>Fluorescence light microscope</i> <i>Microtome</i>
Keywords	<i>Light microscopy; reproductive and vegetative tissue analyses; reproductive processes in vivo (pollen tube growth and fertilization) etc.</i>
Scientific characteristics	<i>Scientific objectives: assessment of plant responses under different growing conditions</i>
	<i>Interest for users who work in plant physiology and biotechnology.</i>
	<i>Particularities in comparison to similar facilities</i>
	<i>Projects:</i> <ol style="list-style-type: none"> <i>Evaluation, preservation and utilization of olive genetic resources</i> <i>Abiotic and biotic stressors in vegetable growing systems in karst</i>
Technical characteristics	<ol style="list-style-type: none"> <i>Axioskop 2 plus microscope (Carl Zeiss, Germany) equipped with UV excitation filters (FT 425 nm, LP 450 nm). Images are recorded with a microscope camera AxioCam MRC5 and transferred to AxioVision 4.1 image analysis system.</i> <i>Microtome HM 430</i>
	<i>Measurements: pollen germination and viability; pollen tube growth in vivo; stomata apparatus measurements (number, aperture); plant tissue analyzes.</i>
	<i>If there is any file, map or images relevant about this infrastructure, please attach it (indicating here the name of the file).</i>
SCIENTISTS AND/OR TECHNICIANS IN CHARGE OF THE FACILITY	
Principal investigator	<i>Slavko Perica, slavko@krs.hr</i>
One line for each additional person	<i>Gabriela Vuletin Selak, gabriela@krs.hr</i>
ADMINISTRATIVE INFORMATION	
Availability for participating in mutual measurements	<i>Yes, Gabriela Vuletin Selak, gabriela@krs.hr</i>
Availability for accessing the data collected	<i>Yes, Gabriela Vuletin Selak, gabriela@krs.hr</i>
	<i>Conditions or Policy of use</i>

¹ Note: This information could be published in the webpage of FORESTERRA.



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through improved coordination and integration



Institution that manages the facility	<i>Institut za jadranske kulture i melioraciju krša/Institute for Adriatic Crops, Split</i>
	<i>http://intwww.krs.hr/</i>
Structure or institution which manages the data	<i>Institut za jadranske kulture i melioraciju krša/Institute for Adriatic Crops, Split</i>
	<i>URL address</i>
Is the facility participating in a national or international Network?	<i>Yes, Cro-BioImaging</i>
	<i>URL address</i>
Is the facility open for transnational collaboration?	<i>Yes</i>