

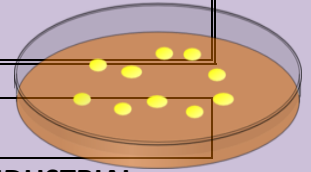


**AREA**

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



## **AREA group MICROBECOL**



**Field: Microbial Ecology**

**PLANT-MICROBE INTERACTIONS, BIOREMEDIATION, BIOCONVERSION OF AGROINDUSTRIAL  
WASTE, SURFACE WATER QUALITY, WASTE WATER TREATMENT**

### **Research and commercial expertise**

- Microbiological analysis of soil, monitoring of fundamental microbiological processes the soil
- Plant growth promoting microorganisms, characterization and identification
- Bioremediation of soil contaminated with organic pollutants and heavy metals
- Bioconversion and bioremediation of municipal and agro-industrial waste
- Monitoring of microbiological quality of surface and waste water
- Irrigation water quality and its impact on the quality in safe food production



### **Equipment, techniques, methods and analyses**

- Autoclave
- Laminar flow chamber
- Ultra-low temperature freezer (-80°C)
- Thermal cycler for PCR analysis
- Other equipment for molecular methods: electrophoresis, gene disruptor, centrifuge
- Incubators, orbital shaker incubator
- Spectrophotometer
- Light microscope with camera
- Plant growth chamber



### **Contact - Team leader**

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