












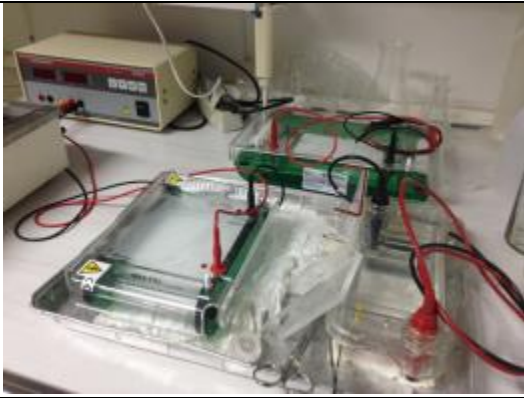

KATALOG ZNANSTVENO-ISTRAŽIVAČKE OPREME I PROGRAMA

NAZIV UREĐAJA / PROGRAMA	MODEL I GODINA PROIZVODNJE	SVRHA I MOGUĆNOSTI	VLASNIK	KONTAKTI ODGOVORNE OSOBE	PHOTO (JPEG)	IZVOR SREDSTAVA
<p style="text-align: center;">Plinski kromatograf (GC/FID)</p>	<p style="text-align: center;">Varian 3900, 2000.</p>	<p style="text-align: center;">kvantitativna identifikacija hlapljivih spojeva</p>	<p style="text-align: center;">Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p style="text-align: center;">izv. prof. dr. sc. Valerija Dunkić tel. 385 133 email: dunkic@pmfst.hr</p>		<p style="text-align: center;">MZOS Projekt N. Bezić 177-1191192-0830</p>
<p style="text-align: center;">Plinski kromatograf s masenim spektrometrom (GC/MS)</p>	<p style="text-align: center;">Varian Saturn 2100, 2004.</p>	<p style="text-align: center;">kvalitativna i kvantitativna identifikacija hlapljivih spojeva</p>	<p style="text-align: center;">Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p style="text-align: center;">izv. prof. dr. sc. Valerija Dunkić tel. 385 133 email: dunkic@pmfst.hr</p>		<p style="text-align: center;">MZOS Projekt N. Bezić 177-1191192-0830</p>

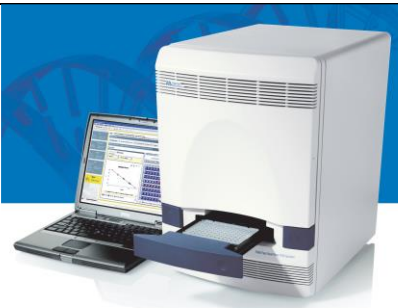
<p>UV/Vis Spektrofotometar</p>	<p>Beckman DU Series 530 2003.</p>	<p>mjerenje apsorbancije u vidljivom i ultraljubičastom dijelu spektra</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Nada Bezić tel. 385 133 email: bezić@pmfst.hr</p>		<p>MZOS Projekt N. Bezić 177-1191192- 0830</p>
<p>Ledenica za ultraduboko zamrzavanje</p>	<p>Hettich HS2486 2005.</p>	<p>zamrzavanje različitih vrsta uzoraka na -86°C</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS proračunska sredstva</p>


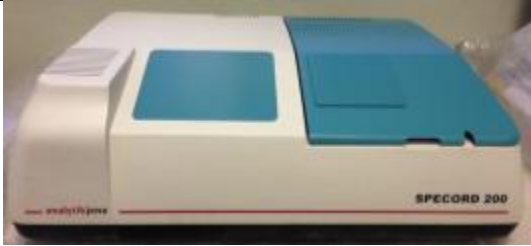

<p>Klima komora za rast biljaka</p>	<p>Kambič RK-900 2006.</p>	<p>uzgoj i održavanje laboratorijskih biljaka</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196-0829 projekt N. Bezić 177-1191192-0830</p>
<p>Tresilica i inkubator za bakterije</p>	<p>Sartorius CERTOMAT® IS 2008.</p>	<p>održavanje temperature pri uzgoju mikroorganizama</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196-0829</p>
<p>Epifluorescentni mikroskop</p>	<p>Zeiss Axio-imager M1 2009.</p>	<p>promatranje i snimanje mikroskopskih uzoraka koji fluoresciraju</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196-0829</p>




Termocikler	Applied Biosystems 2720 VWR Collection 2005.	umnažanje specifičnih odsječaka DNA molekule	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr		MZOS projekt J.Puizina 177-1191196- 0829
Termocikler	Thermal Cycler DOPPIO 732- 1210	umnažanje specifičnih odsječaka DNA molekule	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr		MZOS projekt J.Puizina 177-1191196- 0829
Hibridizacijska pećnica	UVP HL-2000 HybriLinker 2008.	vezanje molekula uz pomoć UV-zraka	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr		MZOS projekt J.Puizina 177-1191196- 0829

<p>Elektroporator</p>	<p>MicroPulser Electroporator Bio-Rad #165-2100 2008.</p>	<p>transformacija prokariotskih stanica s rekombinantnom DNA pomoću visokog napona</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196- 0829</p>
<p>Uređaj za vodoravnu elektroforezu u agaroznom gelu</p>	<p>BIO-RAD Sub- Cell® GT Cell Roth Mini Plus unit HU10 Scie-Plas HU13 Mini-Plus Horizontal Consort E835 Powersupply 2004.</p>	<p>identifikacija, razdvajanje, određivanje količine i pročišćavanje nukleinskih kiselina</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196- 0829</p>
<p>Transiluminator</p>	<p>VILBER Lourmat 2000.</p>	<p>snimanje gelova pod UV svjetlom</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196- 0829</p>

<p>Centrifuga s hlađenjem</p>	<p>Hettich Universal 32R 2003.</p>	<p>razdvajanje sastojaka na frakcije centrifugalnom silom</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196-0829</p>
<p>Centrifuga</p>	<p>Eppendorf 5415D 2001.</p>	<p>razdvajanje sastojaka na frakcije centrifugalnom silom</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS proračunska sredstva</p>
<p>Centrifuga s hlađenjem</p>	<p>Eppendorf 5424R 2007.</p>	<p>razdvajanje sastojaka na frakcije centrifugalnom silom</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196-0829</p>



<p>Uređaj za <i>real-time</i> PCR</p>	<p>Applied Biosystems 7500/7500 FAST 2014.</p>	<p>kvantifikacija specifičnih molekula mRNA</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS proračunska sredstva</p>
<p>Vodena kupelj</p>	<p>Shel Lab Water bath WS17 2004.</p>	<p>temperiranje tekućih medija i reakcijskih smjesa</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196- 0829</p>
<p>SDS-PAGE vertikalna elektroforeza</p>	<p>BIO-RAD Mini-PROTEAN 3 Cell 67S/18674 2004.</p>	<p>elektroforetska razdvajanja proteina i nukleinskih kiselina u nativnim ili denaturacijskim uvjetima</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>		<p>MZOS projekt J.Puizina 177-1191196- 0829</p>

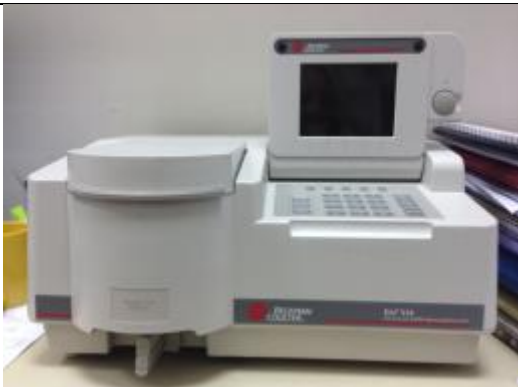

Termomikser	Eppendorf AG No. 5350 23322	grijanje i miješanje otopina malih volumena (do 2 ml)	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr		MZOS projekt J.Puizina 177-1191196- 0829
Spektrofotometar UV visible	Specord 200 analytikjena	mjerjenje apsorbancije u vidljivom i ultraljubičastom dijelu spektra	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr		MZOS projekt J.Puizina 177-1191196- 0829
Termostat (inkubator)	Memmert 2007.	Inkubacija mikroorganizama pri određenim temperaturama	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	izv. prof. dr. sc. Mirjana Skočibušić tel. 385 133 email: mirskoc@pmfst.hr		MZOS proračunska sredstva




Autoklav	Nüve OT 40 L 2014.	sterilizacija laboratorijskog posuđa, mikrobioloških podloga te otopina	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	izv. prof. dr. sc. Mirjana Skočibušić tel. 385 133 email: mirskoc@pmfst.hr		MZOS proračunska sredstva
Biološki zaštitni kabinet	Uniflow 2003.	rad s mikroorganizmima i potencijalno opasnim kemikalijama radi zaštite osoba i radnog okoliša od moguće kontaminacije ili biološki opasnog materijala	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	izv. prof. dr. sc. Mirjana Skočibušić tel. 385 133 email: mirskoc@pmfst.hr		MZOS proračunska sredstva
Stereozoom mikroskop s vanjskim izvorom svjetla i digitalnim fotoaparatom	Leica MZ7s 2007.	promatranje i snimanje dvodimenzionalnih i trodimenzionalnih predmeta	Prirodoslovno matematički fakultet Split, Sveučilište u Splitu	doc. dr. sc. Biljana Rađa tel. 385 133 email: radja@pmfst.hr		MZOS proračunska sredstva




<p>Centrifuga s hematokritskim rotorom</p>	<p>Tehtnica Centric150 2005.</p>	<p>određivanje hematokrita</p>	<p>Prirodoslovno matematički fakultet Split, Sveučilište u Splitu</p>	<p>prof. dr. sc. Mate Šantić tel. 385 133 email: msantic@pmfst.hr</p>		<p>MZOS proračunska sredstva</p>
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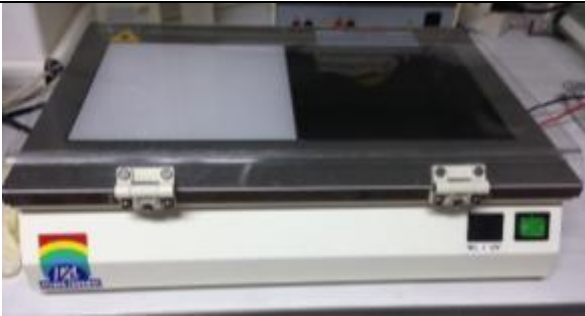
CATALOGUE OF SCIENTIFIC & RESEARCH EQUIPMENT AND SOFTWARE




INSTRUMENT / SOFTWARE	MODEL AND YEAR OF PRODUCTION	APPLICATION	OWNER	CONTACT OF RESPONSIBLE PERSON	PHOTO (JPEG)
GC/FID	Varian 3900, 2000.	quantitative identification of volatile compounds	Faculty of Science, University of Split	Izv. prof. dr.sc. Valerija Dunkić tel.: 385 133 email: dunkic@pmfst.hr	
GC/MS	Varian Saturn 2100, 2004.	qualitative and quantitative identification of volatile compounds	Faculty of Science, University of Split	Izv. prof. dr.sc. Valerija Dunkić tel.: 385 133 email: dunkic@pmfst.hr	




<p>UV/Vis Spectrophotometer</p>	<p>Beckman DU Series 530 2003.</p>	<p>measuring the absorbance in visible and ultraviolet spectral range</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Nada Bezić tel. 385 133 email: bezic@pmfst.hr</p>	
<p>Ultra low temperature freezer</p>	<p>Hettich HS2486 2005.</p>	<p>deep freeze at -86 °C, different types of samples</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	




<p>Plant growth chamber</p>	<p>Kambič RK-900 2006.</p>	<p>optimized for plant growth applications</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Inkubation Shaker</p>	<p>Sartorius CERTOMAT® IS 2008.</p>	<p>growth and maintain microbiological cultures, with both incubation and shaking</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Epifluorescence and Brightfield Microscope with a high-resolution microscopy camera</p>	<p>Zeiss Axio-imager M1 2009.</p>	<p>to study and capture images of the specimen that reflect fluorescent light</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	




<p>Thermal cycler</p>	<p>Applied Biosystems 2720 VWR Collection 2005.</p>	<p>amplify segments of DNA via the polymerase chain reaction</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Thermal cycler</p>	<p>Thermal Cycler DOPPIO 732-1210</p>	<p>amplify segments of DNA via the polymerase chain reaction</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Hybridization Oven and UV Crosslinker</p>	<p>UVP HL-2000 HybriLinker 2008.</p>	<p>uses shortwave UV energy to bond DNA to media</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	


<p>MicroPulser Electroporator</p>	<p>MicroPulser Electroporator Bio-Rad #165-2100 2008.</p>	<p>the use of electrical pulse to introduce DNA into bacterial cells</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Agarose Electrophoresis System with Power Supply</p>	<p>BIO-RAD Sub- Cell® GT Cell Roth Mini Plus unit HU10 Scie-Plas HU13 Mini-Plus Horizontal Consort E835 Powersupply 2004.</p>	<p>techniques used to identify, separate, quantify and purify nucleic acids</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Ultraviolet Transilluminator</p>	<p>VILBER Lourmat 2000.</p>	<p>to view DNA (or RNA) that has been separated by electrophoresis through an agarose gel</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	

<p>Mid bench centrifuge</p>	<p>Hettich Universal 32R 2003.</p>	<p>used to separate components of a mixture by centrifugation in microliter rotors</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Mid bench centrifuge</p>	<p>Eppendorf 5415 D 2001.</p>	<p>used to separate components of a mixture by centrifugation in microliter rotors</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Mid bench centrifuge</p>	<p>Eppendorf 5424 R 2007.</p>	<p>used to separate components of a mixture by centrifugation in microliter rotors</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	

<p>Real-Time PCR Systems</p>	<p>Applied Biosystems 7500/7500 FAST 2014.</p>	<p>to quantify gene expression</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Water bath</p>	<p>Shel Lab Water bath WS17 2004.</p>	<p>tempering liquid media and reaction mixtures</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>SDS-PAGE vertical electrophoresis</p>	<p>BIO-RAD Mini-PROTEAN 3 Cell 67S/18674 2004.</p>	<p>for protein and nucleic acid electrophoresis under commonly used denaturing and non-denaturing conditions</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	

<p>Termomixer</p>	<p>Eppendorf AG No. 5350 23322</p>	<p>for temperature control and mixing of liquid samples in the microliter and milliliter ranges</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Spectrophotometer UV visible</p>	<p>Specord 200 analytikjena</p>	<p>measuring the absorbance in visible and ultraviolet spectral range</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Jasna Puizina tel. 385 133 email: puizina@pmfst.hr</p>	
<p>Incubator</p>	<p>Memmert 2007.</p>	<p>for incubation of microorganisms at certain temperatures</p>	<p>Faculty of Science, University of Split</p>	<p>izv. prof. dr. sc. Mirjana Skočibušić tel. 385 133 email: mirskoc@pmfst.hr</p>	

<p>Autoclave</p>	<p>Nüve OT 40 L 2014.</p>	<p>for the sterilization of laboratory dishes, microbiological media and solutions</p>	<p>Faculty of Science, University of Split</p>	<p>izv. prof. dr. sc. Mirjana Skočibušić tel. 385 133 email: mirskoc@pmfst.hr</p>	
<p>Biosafety cabinet</p>	<p>Uniflow 2003.</p>	<p>working with microorganisms and potentially dangerous chemicals in order to protect people and the working environment from possible contamination or biological hazardous material</p>	<p>Faculty of Science, University of Split</p>	<p>izv. prof. dr. sc. Mirjana Skočibušić tel. 385 133 email: mirskoc@pmfst.hr</p>	
<p>Stereo zoom microscope with external light source and digital camera</p>	<p>Leica MZ7s 2007.</p>	<p>for viewing and recording three- dimensional objects</p>	<p>Faculty of Science, University of Split</p>	<p>doc. dr. sc. Biljana Rađa tel. 385 133 email: radja@pmfst.hr</p>	

<p>Centrifuge with hematocrit rotor</p>	<p>Tehnica Centric150 2005.</p>	<p>for determination of volume fractions of erythrocytes in blood and also for separation of micro blood and solutions</p>	<p>Faculty of Science, University of Split</p>	<p>prof. dr. sc. Mate Šantić</p>	
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