



FACULTY OF VETERINARY MEDICINE
Department of BIOLOGY

Laboratory for animal genetics

List of equipment

MAIN EQUIPMENT			
No.	Description	Manufacturer	Year of purchase
1.	PP Fume hood FMH-1200DP	Scitex	2026
2.	Vertical autoclave JSAT-45	JS Research	2023
3.	Peltier-cooled incubator IPP55	MEMMERT	2022
4.	Class II Microbiological Safety Cabinet "SafeFAST Classic"	FASTER	2021
5.	Gradient PCR - T100TM Thermal Cycler	BIO RAD	2020
6.	Zeiss Primovert Compact Inverted Microscope	CARL ZEISS	2020
7.	Automatic incubator for laboratory rearing of honey bees	INKUBATORI, Požarevac	2018
8.	Ultra Low Temperature Freezer ULUF 450 with CO ₂ back up system for temperature maintenance	ARCTIKO	2018
9.	TissueLyser II	QIAGEN	2018
10.	Real-time PCR cycler "Rotor-Gene Q 5plex HRM Platform"	QIAGEN	2017
11.	CO ₂ Incubator 50l, BJPX-C50	BIOBASE	2017
12.	CMEX-3 PRO USB-2 camera with CMOS sensor DC.3000p	Euromex	2017
13.	MINI Personal microcentrifuge, GZ-1312	GYROZEN	2017
14.	pH-Meter, BASIC 20+	CRISON-HACH Lange	2017
15.	Refrigerated, High-Speed Micro Centrifuge GZ-1730R; Fixed Angle Rotor GRF-M-2.0-24	GYROZEN	2016
16.	Vibromix 10 (plate 80 x - 24x 1,5ml / 24 x 0,5ml / 32 x 0,2ml)	Tehtnica	2016
17.	Vibromix 203E (plate - micro tub. - 60 x 1,5/2ml)	Tehtnica	2016

18.	Micro-centrifuge LACE16W (High Speed Laboratory microcentrifuge 16000rpm, rotor for 12 x 1,5/2 ml tubes)	EUinstruments	2016
19.	BioSpec-nano Micro-volume UV-Vis Spectrophotometer	SHIMADZU	2015
20.	UV/VIS Spectrophotometer BK-S390	BIOBASE	2015
21.	Autoclave Vacuklav® 30-B	MELAG	2015
22.	Orbital Shaker OS-100	ALLSHENG	2016
23.	Thermo Shaker Incubator MS-100	ALLSHENG	2016
24.	Real-time PCR cycler "Real-time Rotor-Gene 5-plex"	QIAGEN	2012
25.	PCR Gradient „Multigene Gradient Thermal Cycler“	Labnet International, Inc.	2009
26.	PCR cycler „Mastercycler personal“	Eppendorf	2006
27.	„Termomixer comfort“	Eppendorf	2006
28.	Transilluminator „UV Table manual ETX-20.C“	Vilber - Lourmat	2006
29.	Laminar flow chamber „Aura 2000 M.A.C“	Bioair Instruments	2004
30.	„Electrophoresis Power Supply EPS 1001“	Amersham Biosciences	2004
31.	„MAXI-Electrophoresis Unit, horizontal, N610.1“	Carl Roth	2004
32.	„Mini-easy Electrophoresis Unit, horizontal, N.817.1“	Carl Roth	2007
33.	„Hoefer® miniVE Vertical Electrophoresis System“	Amersham Pharmacia Biotech	2004
34.	„E-Gel® iBase™ Power System“ i „E-Gel Safe Imager Real-Time Transilluminator“	Invitrogen	2010
35.	MUPID ONE electrophoresis unit MU2 + Mupid LED Illuminator MU4	Nippon Genetics	2012
36.	Fast Gene mini centrifuge NG002B	Nippon Genetics	2012
37.	Centrifuge „Hettich Zentrifugen Mikro 20“	Hettich Lab Technology	2004
38.	Analytic balance 210 g / 0.0001 g, „LAC214“	EUinstruments	2006
39.	Precise balance „Adventurer® Pro, AV 2102“	Ohaus	2007
40.	Research microscope „Zeiss AXIO Imager.M1 + Power Supply 231“	ZEISS	2009
41.	Fluorescence for microscope AXIO Imager.M1 „Zeiss HXP 120 C“	ZEISS	2012

42.	Dino-Eye AM7023 5.0MP Microscope Camera	Dino-Lite	2014
43.	Optical research microscope „Olympus“ CX21	Olympus	2007
44.	Optical research microscope „Bio-Optica, Tip 1000“	Bio-Optica	2005
45.	pH meter „BT-600 Laboratory Microprocessor pH/ORP Meter“	Boeco	2008
46.	Digital camera PowerShot S45 + Leica DC 150	Canon	2003

ADDITIONAL EQUIPMENT			
	Description	Manufacturer	Year of purchase
1.	Refrigerator CCTOS 502 WN	CANDY	2021
2.	Water Distiller ID18	Iva d.o.o.	2020
3.	UPS (Line Interactive UPS: PowerMust 2212, 2200VA, Line Int., IEC/Schuko) (2x)	Mustek	2018
4.	Laboratory water bath, KFC 10L-2P	LABPRO	2017
5.	S1 Pipet Filler	Thermo Scientific	2017
6.	UPS (Line Interactive UPS: PowerMust 2212, 2200VA, Line Int., IEC/Schuko)	Mustek	2015
7.	„ARE Heating Magnetic Stirrer“ code F20520162	VELP Scientifica	2011
8.	Electric vortex „Vibromix 10“	Tehcnica	2012
9.	Microwave oven, model M 541	Whirlpool	2007
10.	Exicator	ProMedia	2007
11.	Microchip reader "Backhome Reader, model V500"	Virbac Animal Health	2012
12.	Laminar flow chamber	Tehnička škola Valjevo	2012
13.	Refrigerator - freezer combination RK6333W	Gorenje	2008
14.	Freezer F6311W (vertical)	Gorenje	2010
15.	Freezer F6181AW (vertical)	Gorenje	2016
16.	Freezer F6181AW (vertical)	Gorenje	2014
17.	Freezer TTF-76 (vertical)	Vivax	2012

18.	Pipette Eppendorf Research plus 0.5-10 µl	Eppendorf	2016
19.	Pipette Eppendorf Research plus 10-100 µl	Eppendorf	2016
20.	Pipette Eppendorf Research plus 100-1000 µl	Eppendorf	2016
21.	Pipette Eppendorf 1-10 µl – 2 pcs.	Eppendorf	2006
22.	Pipette Eppendorf 10-100 µl - 2 pcs.	Eppendorf	2006
23.	Pipette Eppendorf 100-1000 µl - 2 pcs.	Eppendorf	2006
24.	Pipette Biohit proline 0.5 – 10 µl – 3 pcs.	Biohit	2006
25.	Pipette Biohit proline 2 – 20 µl – 1 pc.	Biohit	2006
26.	Pipette Biohit proline 5 – 50 µl – 2 pcs.	Biohit	2006
27.	Pipette Biohit proline 10 – 100 µl – 2 pcs.	Biohit	2006
28.	Pipette Biohit proline 100 – 1000 µl – 1 pc	Biohit	2006
29.	Pipette Labnet 0.5 – 10 µl – 1 pc.	Labnet	2011
30.	Pipette Labnet 2 – 20 µl – 1 pc.	Labnet	2011
31.	Pipette Labnet 20 - 200 µl – 1 pc.	Labnet	2011
32.	Pipette Labnet 100 – 1000 µl – 1 pc.	Labnet	2011
33.	Pipette Titertek 100 µl – 2 pcs.	Titertek	2010
34.	Pipette Titertek Multichanel – 2 pcs.	Titertek	2010
35.	Pipette Socorex Multichanel – 1 pc.	Socorex	2010
36.	Pipette Labopette 0.5 – 10 µl – 1 pc.	Hirschmann	2010
37.	Pipette Labopette 10 – 100 µl – 1 pc.	Hirschmann	2009
38.	Pipette Labopette 1000 – 5000 µl – 1 pc.	Hirschmann	2009
39.	Transferpette 1 µl – 1 pc.	BrandTech Scientific Inc.	2009
40.	Transferpette 10 µl - 1 pc.	BrandTech Scientific Inc.	2009
41.	Transferpette 100 µl - 1 pc.	BrandTech Scientific Inc.	2009
42.	Transferpette 250 µl - 1 pc.	BrandTech Scientific Inc.	2009

43.	Transferpette 500 µl - 1 pc.	BrandTech Scientific Inc.	2009
44.	Heating Magnetic Stirrer „MM 500“	Tehnica	pre 2000
45.	Electric vortex „EV-100“	Tehnica	pre 2000
46.	Sterilizator ST – 05	Instrumentaria - Zagreb	pre 2000

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Head of the Department of Biology
Prof. dr Uroš Glavinić