

| ČLANICA UM/ THE UM MEMBER | SKRBNIK OPREME/ THE EQUIPMENT KEEPER | NAZIV OPREME/ NAME OF THE EQUIPMENT | LETO NABAVE/ PURCHASE YEAR | NABAVNA VREDNOST/ PURCHASE VALUE (EUR) | VIR (SO)FINANCIRANJA / SOURCES OF (CO)FINANCING | NAMEMBOST OPREME | EQUIPMENT PURPOSE |
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| MF | Aleksander Kocuvan | MAGNA LYSER 230 V | 2015 | 5.539,03 | 6 | Oprema je namenjena pripravi bioloških materialov (celice ali drugo), t. j. lizi, pri čemer se sprostito DNA in proteini. Običajno se uporablja kot stopnja pri izolaciji DNA. | MagNA Lyser disrupts biological material and is used in pre-preparation for subsequent DNA or protein purification, extraction or analysis. |
| MF | Rudi Mlakar, Andraž Stožer | ANTIVIBRACIJSKA MIZA/ANTIVIBRATION TABLE | 2013 | 7.137,00 | 6 | Miza je namenjena preprečevanju prenosa vibracij iz tal. | The anti-vibration table is designed to prevent the transfer of vibration from the ground. |
| MF | Uroš Maver | MUSE CELL ANALYZER MMI | 2015 | 16.609,91 | 3 | Osnovna funkcija celičnega analizatorja je merjenje števila celic v izbranem vzorcu (tipično suspenzija celic). Z uporabo posebnih kitov proizvajalca lahko osnovno štetje nadgradimo z meritvami nekaterih procesov v celic (npr. celični cikel, apoptoza, viabilnost...). | The basic function of the cell analyzer is to measure the number of cells in a selected sample (typically a cell suspension). By using special kits, which can be purchased from the producer, the base cell count can be upgraded by measuring specific processes in cells (e.g. cell cycle, apoptosis, viability ...). |
| MF | Saška Lipovšek | REZALNIK STEKELNIH NOŽEV LEICA KMR 3 (KOMPLET)/LEICA KMR 3 GLASS KNIFE KIT | 2013 | 10.798,80 | 6 | Omogoča rezanje steklenih nožev za ultramikrotom. | It is used to cut glass knives. |
| MF | Saška Lipovšek | FREZALA-LEICA EM TRIM2 | 2013 | 10.965,60 | 6 | Omogoča brušenje in oblikovanje vzorcev za rezanje na ultramikrotomu. | It is used to shape samples for cutting with the ultramicrotome. |
| MF | Rudi Mlakar, Andraž Stožer | SISTEM ZA ELEKTROFIZ.- MONOKROMATSKI OSVETLJEVALNI SISTEM/ ELECTROPHYSIC SYSTEM.- MONOCHROMATIC LIGHTING SYSTEM | 2013 | 11.159,95 | 6 | Sistem omogoča osvetlitev preparata z različnimi valovnimi dolžinami, prilagojen za sproščanje kalcijevih ionov znotrajcelično. | The system is designed for sample illumination with different wavelengths, it is tailored for slow photo-release of calcium ions within cells. |

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| MF | Uroš Potočnik | ANALIZATOR (COBASS C 111 Z ISE)/ ANALYZER (COBASS C 111 Z ISE) | 2009 | 11.523,60 | 6 | Cobass c111 omogoča meritve biokemijskih parametrov in elektrolitov v bioloških vzorcih (slina, serum, urin itd.) na osnovi kemijskih reakcij s komercialnimi testi. | Cobass c111 enables the measurement of biochemical parameters and electrolytes in biological samples (saliva, serum, urine, etc.) based on chemical reactions with commercial tests. |
| MF | Uroš Maver | KAMERA DIGITALNA LEICA DMC 6200/ CAMERA DIGITAL LEICA DMC 6200 | 2018 | 11.537,40 | 2 | Gre za visoko-resolucijsko črno-belo kamero fluorescentnega mikroskopa Leica DMI6000B. | It is a monochrome high-resolution camera for the fluorescence microscope Leica DMI6000B. |
| MF | Uroš Maver | CO2 INKUBATOR/CO2 INCUBATOR | 2011 | 11.875,24 | 6 | CO2 inkubator zagotavlja nadzor temperature in vsebnosti CO2, s čemer omogoča gojenje celičnih kultur. | The CO2 incubator ensures control of the temperature and CO2 content, allowing the cultivation of cell cultures. |
| MF | Uroš Maver | KAMERA Z ADAPTERJEM/ADAP TER CAMERA | 2015 | 12.204,71 | 6 | Gre za nadgradnjo fluorescentnega mikroskopa Leica DMI6000B, in sicer za barvno kamero. | An upgrade of the fluorescence microscope Leica DMI6000B – a color camera. |
| MF | Rudi Mlakar, Andraž Stožer | OJAČEVALNIK SWAM/SWAM AMPLIFIER | 2013 | 12.669,70 | 6 | Sistem omogoča meritve patch-clamp, torej meritve ionskov tokov celic, specialnost je meritve kapacitivnosti celic. | The system is designed for patch-clamp measurement, e.g. ion channel currents, its speciality is the measurement of capacitance. |
| MF | Uroš Potočnik | DIGESTORIJ, KORITO Z OMARICO ZA KISLINE IN BAZE/FUME CUPBOARD, CASE WITH ACID AND BASE BOX | 2013 | 13.467,60 | 6 | Digestorij je namenjen varnemu delu z nevarnimi in hlapljivimi kemikalijami. | It ensures safe working with hazardous and volatile chemicals. |
| MF | Maruša Rošer, Andraž Stožer | ENOTA ZA ODSTRANJEVANJE STELJE/LITTER REMOVAL UNIT | 2013 | 13.566,00 | 6 | Enota omogoča odstranjevanje stelje. | It enables dispensing litter from animal cages. |
| MF | Uroš Maver | AVTOKLAV A65 | 2011 | 14.677,74 | 6 | Gre za nujno orodje za sterilizacijo pri delu v celičnem laboratoriju. | It is an essential tool for sterilization as part of work protocols in a cell laboratory. |
| MF | Uroš Maver | SPEKTROMETER- AGILENT CARY 630 FTIR/SPECTROMETE R-AGILENT CARY 630 FTIR | 2013 | 15.042,84 | 6 | Gre za modularni sistem infrardečega spektrometra, ki omogoča uporabo več modulov (npr. transmisjski in ATR modul). Meritve nam omogočajo bodisi identifikacijo specifičnih molekul v večkomponentnih vzorcih ter | It is a modular infra-red spectrometer system that allows multiple modules (e.g. transmission and ATR modules) to be used. Measurements enable either the identification of specific molecules in multi-component samples, and at the same time identifying functional groups. |

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| MF | Uroš Potočnik | BIOANALIZATOR-SISTEM ZA KONTROLO KAKOVOSTI DNK/BIOANALYZER-DNA QUALITY CONTROL SYSTEM | 2013 | 15.974,42 | 6 | Bioanalizator (sistem kontrole kakovosti DNK) omogoča karakterizacijo in kvantifikacijo DNK in RNK vzorcev na osnovi gelske elektroforeze na mikro nivoju. S tem se določi, ali je vzorec dovolj kakovosten za najbolj zahtevne reakcije. | Bioanalyser (DNA quality control system) enables the characterization and quantification of DNA and RNA samples based on micro-level gel electrophoresis. This determines whether the sample is of sufficient quality for the most demanding reactions. |
| MF | Uroš Maver | MIKROSKOP EVOS/EVOS MICROSCOPE | 2015 | 17.716,88 | 8 | Gre za uporabniku prijazen fluorescenčni mikroskop z več objektivni in s pokritim celotnim spektrom valovnih dolžin. | It is a user-friendly fluorescence microscope with multiple lenses and a full wavelength wide spectrum. |
| MF | Saška Lipovšek | MIKROTOM Z NOSILCEM/MICROTOM WITH CARRIER | 2006 | 17.856,20 | 6 | Rezanje rezin vzorcev za mikroskopske preparate. | Cutting slides or sections of samples for preparing microscopic slides. |
| MF | Rudi Mlakar, Andraž Stožer | SISTEM ZA FLUORESCENTNO MIKROSKOPIJO/FLUORESCENT MICROSCOPY SYSTEM | 2013 | 18.496,80 | 6 | Sistem omogoča fluorescenčno mikroskopiranje tkivnih preparatov. | The system allows for fluorescence microscopy of live tissue samples. |
| MF | Rudi Mlakar, Andraž Stožer | MIKROTOM-VIBRACIJSKI/MICROTOM-VIBRATION | 2015 | 18.536,12 | 6 | Mikrotom omogoča pripravo tkivnih rezin. | The microtome is designed for tissue slice preparation. |
| MF | Uroš Potočnik | SISTEM ZA HEMATOLOŠKE ANALIZE -APARAT ADVIA 560/HEMATOLOGICAL ANALYSIS SYSTEM - ADVIA 560 APPARATUS | 2015 | 21.641,10 | 6 | Advia 560 omogoča meritev krvnih parametrov (hemoglobin, trombociti) kot tudi analizo diferencialne krvne slike (nevtrofilci, monociti) na osnovi električnih lastnosti razrede cene krvi v pretočnem sistemu. | Advia 560 allows the measurement of blood parameters (haemoglobin, platelets) as well as differential blood cell analysis (neutrophils, monocytes) based on the electrical properties of diluted blood in the flow system. |
| MF | Maruša Rošer, Andraž Stožer | SISTEM INDIVIDUALNO VENTILIRANIH KLETK ZA MIŠI/INDIVIDUALLY VENTILATED ROOM SYSTEM FOR MICE | 2013 | 22.659,00 | 6 | Sistem omogoča nastanitev laboratorijskih miši. Kletke so individualno ventilirane v kontroliranih pogojih temperature in vlage. | Sistem houses laboratory mice. Cages are individually ventilated and temperature/humidity is displayed. |

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| MF | Maruša Rošer, Andraž Stožer | SISTEM INDIVIDUALNO VENTILIRANIH KLETK ZA MIŠI/INDIVIDUALLY VENTILATED ROOM SYSTEM FOR MICE | 2013 | 22.659,00 | 6 | Sistem omogoča nastanitev laboratorijskih miši. Kletke so individualno ventilirane v kontroliranih pogojih temperature in vlage. | Sistem houses laboratory mice. Cages are individually ventilated and temperature/humidity is displayed. |
| MF | Maruša Rošer, Andraž Stožer | SISTEM INDIVIDUALNO VENTILIRANIH KLETK ZA MIŠI/INDIVIDUALLY VENTILATED ROOM SYSTEM FOR MICE | 2013 | 22.659,00 | 6 | Sistem omogoča nastanitev laboratorijskih miši. Kletke so individualno ventilirane v kontroliranih pogojih temperature in vlage. | Sistem houses laboratory mice. Cages are individually ventilated and temperature/humidity is displayed. |
| MF | Maruša Rošer, Andraž Stožer | SISTEM INDIVIDUALNO VENTILIRANIH KLETK ZA MIŠI/INDIVIDUALLY VENTILATED ROOM SYSTEM FOR MICE | 2013 | 22.659,00 | 6 | Sistem omogoča nastanitev laboratorijskih miši. Kletke so individualno ventilirane v kontroliranih pogojih temperature in vlage. | Sistem houses laboratory mice. Cages are individually ventilated and temperature/humidity is displayed. |
| MF | Rudi Mlakar, Andraž Stožer | MOTORIZIRAN MIKROMANIPULATO R/MOTORIZED MICROMANIPULATO R | 2013 | 25.593,66 | 6 | Manipulator omogča motoriziran premik glave patch-clamp ojačevalca/premik mizice za vzroce. | The manipulator has electrically-driven motors for controlled movement of patch-clamp head-stage/sample table. |
| MF | Uroš Potočnik | APARAT QIACUBE/QIACUBE APPARATUS | 2013 | 25.733,39 | 6 | Qiacube omogoča avtomatizacijo izolacije DNK in RNK iz vzorcev s pomočjo pipetirnega robota in interne centrifuge. | Qiacube enables the automation of the isolation of DNA and RNA from samples using a pipetting robot and an internal centrifuge. |
| MF | Saška Lipovšek | SISTEM ZA DETEKCIJO/DETECTI ON SYSTEM | 2011 | 26.116,33 | 6 | GBOX čitalec je v osnovi kamera s širokim spektrom, ki omogoča posnetke v UV-VIS območju. Z uporabo specifičnega barvila je tako možno identificirati in kvantificirati proteini, DNK in RNK. | The GBOX reader is essentially a wide- spectrum camera that allows imaging in the UV-VIS range. By using a specific dye, it is thus possible to identify and quantify proteins, DNA and RNA. |
| MF | Rudi Mlakar, Andraž Stožer | APARAT ZA PRANJE KLETK ZA MALE ŽIVALI- NEPREHODNI/CELL WASHER FOR SMALL | 2013 | 26.328,00 | 6 | Aparat je prirejen za pranje kletk laboratorijskih miši/podgan. | The washing machine is intended for washing housing cages of laboratory mice/rats. |

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| | | ANIMALS - NON-TRANSITIVE | | | | | |
| MF | Rudi Mlakar, Andraž Stožer | BIOLOŠKA KOMORA ZA IZMENJAVO ŽIVALSKIH KLETK/THE BIOLOGICAL CHAMBER FOR ANIMAL CELLS CHANGE | 2013 | 27.134,40 | 6 | V tej postaji se živali premaknejo v čiste kletke, omogoča odsesavanje zraka. | The chamber is intended to help transfer laboratory animals to clean cages. It is equipped with air suction. |
| MF | Rudi Mlakar, Andraž Stožer | BIOLOŠKA KOMORA ZA IZMENJAVO ŽIVALSKIH KLETK/THE BIOLOGICAL CHAMBER FOR ANIMAL CELLS CHANGE | 2013 | 27.134,40 | 6 | V tej postaji se živali premaknejo v čiste kletke, omogoča odsesavanje zraka. | The chamber is intended to help transfer laboratory animals to clean cages. It is equipped with air suction. |
| MF | Uroš Maver | MONOKROMATSKI ČITALEC MTP/MTP MONOCHROMATIC READER | 2011 | 28.865,09 | 6 | Gre za spektrofotometer, ki omogoča določanje absorbance, fluorescence in kemiluminiscence na ploščicah z več vodnjaki (do P96). | It is a spectrophotometer that allows the determination of absorbance, fluorescence and chemiluminescence on multiwell plates (up to P96). |
| MF | Rudi Mlakar, Andraž Stožer | SISTEM ZA ELEKTROFIZ.- MONOKROMATSKI OSVETLJEVALNI SISTEM/ELECTROPHYSIC SYSTEM.- MONOCHROMATIC LIGHTING SYSTEM | 2013 | 30.411,55 | 6 | Sistem omogoča osvetlitev preparata z različnimi valovnimi dolžinami, prilagojen za sproščanje kalcijevih ionov znotrajcelično. | The system is designed for sample illumination with different wavelengths, it is tailored for slow photo-release of calcium ions within cells. |
| MF | Rudi Mlakar, Andraž Stožer | MONOKROMATSKI VIR SVETLOBE POLYCHROME V/ MONOCHROMATIC LIGHT SOURCE POLYCHROME V | 2013 | 30.411,55 | 6 | Polychrome je vir svetlobe različnih valovnih dolžin, namenjen za vzbujanje fluoroforov ali fotolizo vklenjenega kalcija | Polychrome is a light source of different wavelengths, intended for fluorophore excitation or caged-calcium photolysis. |
| MF | Maruša Rošer, Andraž Stožer | SISTEM INDIVIDUALNO VENTILIRANIH KLETK ZA PODGANE/INDIVIDUALLY VENTILATED | 2013 | 37.411,20 | 6 | Sistem omogoča nastanitev laboratorijskih podgan. Kletke so individualno ventilirane v kontroliranih pogojih temperature in vlage. | The system houses laboratory rats. Cages are individually ventilated and temperature/humidity is displayed. |

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| | | CELLS SYSTEM FOR RATS | | | | | | |
| MF | Maruša Rošer, Andraž Stožer | SISTEM INDIVIDUALNO VENTILIRANIH KLETK ZA PODGANE/INDIVIDUALLY VENTILATED CELLS SYSTEM FOR RATS | 2013 | 37.411,20 | 6 | Sistem omogoča nastanitev laboratorijskih podgan. Kletke so individualno ventilirane v kontroliranih pogojih temperature in vlage. | The system houses laboratory rats. Cages are individually ventilated and temperature/humidity is displayed. | |
| MF | Aleksander Kocuvan, Maja Rupnik | ANAEROBNA KOMORA/ANAEROBIC CHAMBER | 2011 | 39.857,40 | 6 | Komora omogoča gojenje mikroorganizmov in izvajanje poskusov v anaerobni atmosferi in pri temperaturi 37 °C. | The anaerobic cabinet is suitable for cultivation of microorganisms and for experimental work in anaerobic atmosphere and at a temperature of 37°C. | |
| MF | Rudi Mlakar, Andraž Stožer | SISTEM ZA ELEKTROFIZIOL.- NIKON FN1 (MIKROSKOP)/ELECTROPHYSIOL.-NIKON FN1 SYSTEM (MICROSCOPE) | 2013 | 43.065,39 | 6 | Nikonov sistem omogoča elektrofiziološke meritve aktivnosti ionskih kanalov. | The Nikon system allows for electrophysiological measurement of ion channel activity. | |
| MF | Uroš Potočnik | SISTEM ZA KVANT.DNK IN PROT. (GBOX, ČITALEC)/QUANTUM .DNA SYSTEM AND PROT. (GBOX, READER) | 2013 | 44.896,45 | 6 | GBOX čitalec je v osnovi kamera s širokim spektrom, ki omogoča posnetke v UV-VIS območju. S uporabo specifičnega barvila je tako možno identificirati in kvantificirati proteini, DNK in RNK. | The GBOX reader is essentially a wide-spectrum camera that allows imaging in the UV-VIS range. By using a specific dye, it is thus possible to identify and quantify proteins, DNA and RNA. | |
| MF | Petra Kotnik, Željko Knez | HPLC SISTEM (TEKOČINSKI KROMOGRAF VISOKE LOČLJIVOSTI)/HPLC SYSTEM (HIGH RESOLUTION LIQUID CHROMATOGRAPHY) | 2009 | 45.993,42 | 6 | Sistem omogoča ločitev nehlapnih komponent iz bioloških in nebioloških vzorcev ter njihovo kvalitativno in kvantitativno analizo. | The system enables the separation of non-volatile components from biological and non-biological matrixes and their qualitative and quantitative analysis. | |
| MF | Uroš Maver | PCR V REALNEM ČASU (LC480 II.)/REAL-TIME PCR (LC480 II.) | 2011 | 46.775,24 | 6 | Sistem LightCycler® 480 je srednje do visoko zmogljiv PCR aparat (plošče s 96 ali 384 vrtnami), ki omogoča različne metode za detekcijo genov, analizo genske ekspresije, | The LightCycler® 480 System is a high-performance, medium- to high-throughput PCR platform (96- or 384-well plates) that provides various methods for gene detection, gene | |

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| | | | | | | genetsko variabilno analizo in validacijo podatkovnih nizov. | expression analysis, genetic variation analysis, and array data validation. |
| MF | Uroš Maver | VARIOSKAN FALSH TOP INCL. BOTTON | 2008 | 47.520,00 | 6 | Varioskan Flash je napredni multimodni čitalnik za spektralno skeniranje. Uporablja se za merjenje intenzivnosti fluorescence (FI), časovno ločene fluorescence (TRF), absorbance in luminiscence v končni točki, kinetičnih in spektralnih meritvah v območju UV / Vis / NIR od ustreznih formatov mikroplošč. V fluorometričnih in luminometričnih meritvah lahko uporabimo od 6 do 1536 jamskih plošč, in s tem v fotometričnih meritvah plošče s 6 do 384 jamicami. | The Varioskan Flash (Figure 1–1) is an advanced spectral scanning multimode reader. It is used to measure fluorescence intensity (FI), time-resolved fluorescence (TRF), absorbance and luminescence in endpoint, kinetic and spectral measurements in the UV/Vis/NIR range from appropriate microplate formats. In fluorometric and luminometric measurements 6 to 1536-well plates can be used, and correspondingly 6 to 384-well plates in photometric measurements. |
| MF | Uroš Maver | AVTOMATIZIRANI SISTEM FRANCOVIH DIFUZ.CELIC/AUTOMATED FRANCO DIFFUS. CELL SYSTEM | 2013 | 48.678,00 | 6 | Ta oprema predstavlja popolnoma avtomatiziran sistem spremljanja sproščanja iz topikalnih in transdermalnih farmacevtskih oblik. | This equipment represents a fully automated release testing system from topical and transdermal pharmaceutical forms. |
| MF | Uroš Potočnik | IMUNOLOŠKI ANALIZATOR DRUGE GENERACIJE ECL TEHNOLOGIJE/IMMUNOLOGICAL ANALYZER OF THE SECOND GENERATION OF ECL TECHNOLOGY | 2015 | 52.086,49 | 6 | Imunološki analizator ima pipetirni robot in interno hlajeno centrifugo ter spektrometrični merilec, kar omogoča določevanje imunoloških (npr. IgG) in nekaterih seroloških parametrov (npr. Vitamin D) v bioloških vzorcih (plazma, serum, kri, urin). | The immunological analyzer has a pipetting robot and an internally cooled centrifuge as well as a spectrometer, which allows the determination of immunological (eg IgG) and some serological parameters (eg Vitamin D) in biological samples (plasma, serum, blood, urine). |
| MF | Saška Lipovšek | ULTRAMIKROTOM LEICA/LEICA ULTRAMICROTOM | 2015 | 56.719,03 | 6 | Uporablja se za rezanje ultra tankih rezin vzorcev za svetlobno in elektronsko mikroskopijo. | It is used to cut ultra-thin slides or sections of samples for light and electron microscopy. |
| MF | Uroš Maver | MOTORIZIRAN RAZ. INVERTNI MIKROSKOP/MOTORIZED INVERTED MICROSCOPE | 2011 | 59.281,20 | 6 | Invertni mikroskop Leica DMI6000 B za biomedicinske raziskave ponuja slikanje (DIC - diferencialni interferenčni kontrast) za reliefno slikanje vzorcev z različnimi refrakcijskimi indeksi. | The Leica DMI6000 B inverted microscope for biomedical research offers Differential Interference Contrast (DIC) for relief imaging of specimens with varying indices of refraction. |

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| MF | Aleksander Kocuvan, Maja Rupnik | NAMIZNA ULTRACENTRIFUGA Z RAZLIČNIMI ROTORJI/ TABLE ULTRACENTRIFUGE WITH DIFFERENT ROTORS | 2015 | 71.089,20 | 6 | Ultracentrifuga je namenjena centrifugiranju volumnov od 2 ml do 30 ml pri 5.000 do 150.000 rpm | The ultracentrifuge is used for centrifuging volumes from 2 ml to 30 ml at a speed from 5.000 to 150.000 rpm. |
| MF | Maruša Rošer, Andraž Stožer | PARNI STERILIZATOR/STEAM STERILIZER | 2013 | 76.584,00 | 6 | Naprava sterilizira nastanitvene kletke laboratorijskih miši/podgan s paro. | It sterilizes housing cages of laboratory mice/rats by the means of steam. |
| MF | Uroš Maver | SPEKTROMETER OPTIČNI EMISIJSKI AGILENT 5110 VDV ICP-EOS/SPECTROMETER OPTICAL EMISSION AGILENT 5110 VDV ICP-EOS | 2017 | 82.775,23 | 6 | Optični emisijski spektrometer omogoča določanje različnih elementov (tipično kovinskih) v različnih vzorcih (tudi bioloških). Metoda je uporabna na področjih določanja sestave različnih materialov ter je hkrati zelo uporabna na področjih metalomike in toksikologije. | The optical emission spectrometer allows the determination of various elements (typically metal) in different samples (including biological). The method is useful in determining the composition of various materials and is also very useful in the fields of metallomics and toxicology. |
| MF | Uroš Potočnik | SISTEM ZA SEKVENCIRANJE NOVE GENERACIJE/A NEXT GENERATION SEQUENCING SYSTEM | 2013 | 117.086,55 | 6 | Sistem za sekvenciranje nove generacije MiSeq na podlagi pretočne celice selektivno sekvencira pripravljeno DNK knjižnico, s čimer določimo genetski zapis. | The next-generation sequencing system MiSeq is based on the flow cell which selectively sequences the prepared DNA library, thus determining the genetic code. |
| MF | Rudi Mlakar, Andraž Stožer | DVOFOTONSKI LASER – CHAMELEON/TWO-PHOTON LASER - CHAMELEON | 2008 | 131.417,00 | 1 | Dvofotonski laser omogoča laserski vir za tehniko dvotofotonskega zbujanja fluorforov v konfokalni mikroskopiji. | The two-photon laser is a laser source for the technique of two-photon fluorophore excitation in the confocal microscopy. |
| MF | Uroš Potočnik | SISTEM ZA GENOTIPIZACIJO QUANTSTUDIO/QUANTSTUDIO GENOTYPIZATION SYSTEM | 2013 | 142.680,60 | 6 | QuantStudio je aparat za kvalitativne DNK in kvantitativne RNK analize s uporabo HRM ali qPCR tehnik. Aparat tudi omogoča digitalni PCR s uporabo OpenArray čipov, ki omogočajo zelo visoko natančnost. | QuantStudio is an apparatus for qualitative DNA and quantitative RNA analysis using HRM or qPCR techniques. The device also provides digital PCR with the use of OpenArray chips, which achieves very high accuracy. |
| MF | Uroš Maver | MIKROSKOP NA ATOMSKO SILO, NAPREDNI, SERIES 7500/ATOMIC FORCE MICROSCOPE, | 2017 | 145.341,26 | 6 | Mikroskop na atomsko silo predstavlja tehniko določanja topografije različnih tipov vzorcev z nanoresolucijo. Meritve lahko potekajo tako na zraku v tekočih medijih, hkrati pa lahko vzorec | The atomic force microscope represents the technique of determining the topography of the different types of samples with nanoresolution. Measurements can be carried out in the air and in liquid media, and at the same |

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| | | ADVANCED, SERIES 7500 | | | | tudi segrevamo ali ga izpostavimo različnim plinom. Naprava omogoča tudi ti. postopek spektroskopije sil, s katerimi lahko določamo interakcije med različnimi tipi vzorcev. | time, the sample can be heated or exposed to various gases. The device also allows you to measure force spectroscopy, which presents a process to determine the interactions between different types of samples. |
| MF | Uroš Potočnik | PRETOČNI CITOMETER ZA BARVNO SLIKANJE/FLOW CYTOMETER FOR COLOR IMAGING | 2011 | 356.043,60 | 6 | Pretočni citometer je pretočni sistem z mikroskopsko kamero, ki lahko posname vsako posamično celico v vzorcu. S uporabo specifičnih barvil je mogoče ločiti celične podpopulacije in jih kvantificirati. | The flow cytometer is a flow system with a microscopic camera that can capture every single cell in the sample. By using specific dyes it is possible to separate cell subpopulations and quantify them. |
| MF | Rudi Mlakar, Andraž Stožer | KONFOKALNI MIKROSKOP-LEICA/LEICA CONFOCAL MICROSCOPE | 2010 | 585.556,00 | 1 | Leicin mikroskop omogoča konfokalno zajemanje iz živih preparatov, epifluorescenčno slikanje in mikroskopiranje s presevno svetlobo. Omogoča začetne analize časovnih vrst kakor tudi 3D rekonstrukcijo tkiva. | The Leica microscope allows for confocal measurement from live tissues, it also allows epifluorescent and bright-field microscopy. It enables partial analysis of time series as well as 3D reconstruction. |
| MF | Boris Gole | CO2 INKUBATOR/CO2 INCUBATOR | 2019 | 8.756,98 | 2 | CO2 inkubator zagotavlja nadzor temperature in vsebnosti CO2, s čemer omogoča gojenje celičnih kultur. | The CO2 incubator ensures control of the temperature and CO2 content, allowing the cultivation of cell cultures. |