



Институт за биолошка истраживања „Синиша Станковић“

Институт од националног значаја за
Републику Србију

Универзитет у Београду

Библиографија
2016 – 2019.

Београд, 2021. године

**Институт за биолошка истраживања „Синиша Станковић“ – Институт од националног
значаја за Републику Србију, Универзитет у Београду: Библиографија: 2016-2019.**



Београд, 2021

Наслов:

Институт за биолошка истраживања „Синиша Станковић“ – Институт од националног значаја за Републику Србију, Универзитет у Београду: Библиографија: 2016-2019.

Уредници:

др Мирјана Михаиловић и др Момир Пауновић

Редакциони одбор:

др Бранка Петковић, др Милица Пешић, др Ђорђе Миљковић, др Верица Милошевић, др Јелена Благојевић, др Марија Танасковић, др Алексеј Тарасјев, др Павле Павловић, др Момир Пауновић, др Душко Благојевић, др Ана Ђорђевић, др Мелита Видаковић, др Славица Нинковић, др Весна Перић-Матаруга

Приређивач:

Зорица Јанковић

Издавач:

Институт за биолошка истраживања „Синиша Станковић“ – Институт од националног значаја за Републику Србију, Универзитет у Београду

Булевар деспота Стефана 142, тел: +381 11 20 78 300; факс: +381 11 27 61 433; www.ibiss.bg.ac.rs

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1. Предговор

Библиографија Института за биолошка истраживања „Синиша Станковић“ (ИБИСС)-Института од националног значаја за Републику Србију, Универзитета у Београду обухвата период научних истраживања у Институту од 2016. до 2019. Године. Ова библиографија представља наставак сумираних резултати истраживања сарадника Института у пројектном циклусу који је започео 2011 и који је, у више пута продуживан и завршен 2019. године, а које је финансирало Министарство науке, просвете и технолошког развоја Републике Србије. Ова библиографија за период 2016-2019 је планирана да се публикује током 2020. године, али због пандемије SARS-COV 19 одређене активности су морале да се одложе, па смо у прилици да ову билблиографију реализујемо 2021. године.

Научни резултати који су остварени у овом периоду јасно потврђују континуитет основних научних истраживања у Институту која трају скоро седамдесет година, и која су у складу са Оснивачким актом Института. Научна истраживања су реализована у оквиру 26 пројеката чији је носилац ИБИСС (са преко 90% ангажованих истраживач месеци сарадника Института) и 21 пројекта чији је носилац друга научно-истраживачка установа. У периоду 2016-2019. година укупно је објављено 1776 библиографских јединица, од чега у категорији M10 и M20 914 научних радова у реномираним међународним часописима, монографијама и поглављима монографија, од чега половина припада цкатегорији M21a и M21. У овом периоду реализован је 31 међународни пројекат, 18 пројеката билатералне сарадње, 31 COST акција и 54 апликативна пројеката у сарадњи са привредом и другим министарствима Владе Републике Србије. Сарадници Института су у овом периоду одбранили 48 докторских дисертација. Више од 50 истраживача ИБИСС укључено је у реализацију докторских студија на Универзитету у Београду, дајући тиме значајан допринос прављењу модела интеракција наука – образовање у Србији.

Библиографских јединице структуриране су хронолошки према врсти резултата научноистраживачког рада и то на следећи начин: у свакој години пројекта публикације су груписане према категоријама за евалуацију научноистраживачког рада. Унутар сваке категорије, библиографске јединице су наведене по алфабетском редоследу. Библиографске јединице су записане у стилу заснованом на Ванкувер систему. Ванкувер систем је дефинисао *International Committee of Medical Journal Editors*, а познат је и као *Uniform Requirements for Manuscripts Submitted to Biomedical Journals* и често се користи у научним радовима из области биомедицинских наука.

За библиографске јединице израђен је индекс аутора у ком су наведени истраживачи Института. У овом делу аутори су наведени латиничним писмом јер се тако појављују у својим радовима. Аутори су наведени у алфабетском редоследу.

У Београду,
саветник

октобар 2021. године

Др Мирјана Михаиловић, научни

директор Института

2. Научна истраживања у периоду 2016-2019.

2.1 Пројекти основних истраживања Министарства просвете, науке и технолошког развоја Републике Србије 2016-2019. године

Пројекат ев. бр. 173003: Генетичка и фенетичка разноврсност у природним популацијама у различитим срединама допринос полиморфизама Б хромозома

Руководилац пројекта: др Младен Вујошевић, др Јелена Благојевић

Пројекат ев. бр. 173007: Еволуција у лабораторији и адаптације у природи

Руководилац пројекта: др Бранка Туцић

Пројекат ев.бр. 173009: Одговор неуроендокриног система пацова на одабране биљне екстракте, фитоестрогене, стероидне и пептидне хормоне

Руководилац пројекта: др Верица Милошевић

Пројекат ев. бр. 173011: Процена екофизиолошког и генетичког диверзитета биљака у шумским екосистемима

Руководилац пројекта: др Срђан Бојовић

Пројекат ев. бр. 173013: Молекуларни механизми физиолошке и фармаколошке контроле инфламације и канцера

Руководилац пројекта: др Станислава Стошић-Грујичић, др Данијела Максимовић Иванић

Пројекат ев. бр. 173014: Молекуларни механизми редокс сигналинга у хомеостази, адаптацији и патологији

Руководилац пројекта: др Душко Благојевић

Пројекат ев. бр. 173015: Биотехнологија *in vitro* – гајене, лековите и угрожене биљне врсте

Руководилац пројекта: др Бранка Винтерхалтер

Пројекат ев. бр. 173018: Екофизиолошке адаптивне стратегије биљака у условима мултипног стреса

Руководилац пројекта: др Павле Павловић

Пројекат ев. бр. 173020 : Сигнални молекули у дијабетесу: идентификација потенцијалних биолошких маркера укључених у модификацију и интеграцију сигналних путева у циљу предикције и интервенције у дијабетесу

Руководилац пројекта: др Горан Познанић

Пројекат ев. бр. 173022: Неуробиологија спавања у старењу и болест електроенцефалографски маркери и моделирање у процени поремећаја

Руководилац пројекта: др Јасна Шапоњић

Пројекат ев. бр. 173024: Физиолошка, хемијска и молекуларна анализа диверзитета одабраних ретких и угрожених биљних врста и употреба биотехнологије у циљу *ex situ* заштите и продукције биолошки активних једињења

Руководилац пројекта: др Данијела Мишић

Пројекат ев. бр. 173025: Еволуција у хетерогеним срединама: механизми адаптација, биомониторинг и конзервација биодиверзитета

Руководилац пројекта: др Предраг Симоновић

Пројекат ев. бр. 173027: Утицај магнетних поља и других срединских стресора на физиолошке одговоре и понашање различитих врста

Руководилац пројекта: др Бранка Петковић

Пројекат ев. бр. 173035: Ђелијски и молекулски механизми опоравка пацова од експерименталног аутоимунског енцефаломијелитиса

Руководилац пројекта: др Ђорђе Миљковић

Пројекат ев. бр. 173039: Имуномодулаторни ефекти ксенобиотица и биотичких фактора животне средине на популације мишоликих глодара

Руководилац пројекта: др Милена Катарановски, др Ивана Мирков

Пројекат ев. бр. 173041: Молекуларно физиолошки биомониторинг аеробних организама заснован на одређивању биохемијских биомаркера оксидационог стреса

Руководилац пројекта: др Зорица С. Саичић, др Слађан Павловић

Пројекат ев. бр. 173043 Диверзитет водоземаца и гмизаваца Балкана: еволуциони аспекти и конзервација

Руководилац пројекта: др Милош Калезић, др Милена Цвијановић

Пројекат ев. бр. 173053: Улога аутофагије у регулацији смрти туморских ћелија

Руководилац пројекта: др Љубица Хархаји-Трајковић

Пројекат ев. бр. 173054: Улога реактивних врста кисеоника и азота у репродукцији: могућа примена у лечењу хуманог стерилитета

Руководилац пројекта: др Весна Оташевић

Пројекат ев. бр. 173055: Бело или/и мрко: значај масног ткива у одржању укупне редокс зависне метаболичке контроле у физиолошким адаптацијама и метаболичким поремећајима

Руководилац пројекта: др Бато Кораћ

Пројекат ев. бр. 173056: Пластичност мозга током старења: утицај дијеталне рестрикције и анестезије

Руководилац пројекта: др Селма Каназир

2.2 Пројекти програма суфинансирања интегралних и интердисциплинарних истраживања

Пројекат ев. бр. 41009: Улога стероидних хормона у неуроендокриној адаптацији на стрес и патофизиологији метаболичког синдрома молекуларни механизми и клиничке импликације

Руководилац пројекта: др Гордана Матић, др Ана Ђорђевић

Пројекат ев. бр. 41014: Ћелијска и молекулска основа неуроинфламације: потенцијална циљна места за транслациону медицину и терапију

Руководилац пројекта: др Сања Пековић

Пројекат ев. бр. 41031: Идентификација молекуларних маркера за предикцију прогресије тумора, одговора на терапију и исхода болести

Руководилац пројекта: др Никола Танић

2.3 Програм истраживања у области технолошког развоја

Пројекат ев. бр. 31019: Развој и примена биотехнолошких поступака у добијању здравог садног материјала украсних биљака

Руководилац пројекта: др Ангелина Суботић

Пројекат ев. бр. 31049: Развој и примена протеинских маркера у одабиру сорти кромпира отпорних према високим температурама

Руководилац пројекта: др Ивана Момчиловић

2.4 Национални пројекти којима руководе друге институције

Програм основних истраживања

„Динамика генофонда, генетичка и фенотипска варијабилност популација у зависности од променљивости средине” #173012. Носилац: Биолошки факултет, Београд. Руководилац: др Марко Анђелковић.

„Категоризација и примена метаболита гљива и утврђивање потенцијала нових биофунгицида” #173032. Носилац: Биолошки факултет, Београд. Руководилац: др Јелена Вукојевић.

„Интеракције мембрана са унутар ћелијским и апапластичним простором: изучавања биоенергетике и сигнализације користећи биофизичке и биохемијске методе” #173040. Носилац: Институт за мултидисциплинарна истраживања, Београд. Руководилац: др Жељко Вучинић.

„Рибе као биоиндикатори стања квалитета отворених вода Србије” #173045. Носилац: Институт за мултидисциплинарна истраживања, Београд. Руководилац: др Мирјана Ленхардт.

„Испитивање молекуларно генетских, патохистолошких и имунохемијских карактеристика неуромишићних болести” #175083. Носилац: Медицински факултет, Београд. Руководилац: др Видосава Ракочевић-Стојановић.

„Неуролошки развој код пренаталне изложености плода антиепилептичној терапији” #175006. Носилац: Медицински факултет, Нови Сад. Руководилац: др Слободан Секулић.

„Проучавање односа структуре и активности новосинтетисаних биолошки активних супстанци” #172032. Носилац: ИХТМ, Београд. Руководилац: др Слађана Костић Рајачић.

„Геолошка и екотоксиколошка истраживања у идентификацији геопатогених зона токсичних елемената у акумулацијама воде за пиће-истраживање методе и поступака смањивања утицаја биогеохемијских аномалија” #176018. Носилац: ИХТМ, Београд. Руководилац: др Милка Видовић.

„Филогенетски приступ анализи молекуларне еволуције високо варијабилних вируса коинфекције. интеграција вируса и домаћина” #175024. Носилац: Медицински факултет, Београд. Руководилац: др Маја Станојевић.

„Структурне и биохемијске карактеристике поремећаја синаптичке пластичности у психијатријским обољењима” #175058. Носилац: Медицински факултет, Београд. Руководилац: др Наташа Петронијевић.

„Молекуларне особине и модификације неких респираторних и нутритивних алергена” #172024. Носилац: Хемијски факултет, Београд. Руководилац: др Тања Ћирковић Величковић.

Програм суфинансирања интегралних и интердисциплинарних истраживања

„Биосенсинг технологије и глобални систем за континуирана истраживања и интегрисано управљање екосистемима” #43002. Носилац: ПМФ, Нови Сад. Руководилац: др Мирослав Весковић.

„Примене нискотемпературних плазми у биомедицини, заштити човекове околине и нанотехнологијама” #41011. Носилац: Институт за физику Универзитета у Београду. Руководилац: др Невена Пуач.

„Модулација сигналних путева који контролишу интрацелуларни енергетски баланс у терапији тумора и неуро-имуно-ендокриних поремећаја” #41025. Носилац: Медицински факултет, Београд. Руководилац: др Владимир Трајковић.

„Биолошки механизми, нутритивни унос и статус полинезасићених масних киселина и фолата: Унапредјење исхране у Србији” #41030. Носилац: Институт за медицинска истраживања, Београд. Руководилац: др Марија Глибетић.

„Генерисање и карактеризација нанофотонских функционалних структура у биомедицини и информатици” # 45016. Носилац: Институт за физику, Београд. Руководилац: др Бранислав Јеленковић

„Биомаркери у неуродегенеративним и малигним процесима” #41005. Носилац: Биолошки факултет, Београд. Руководилац: др Павле Анђус.

„Нови аутохони изолати бактерија *Lysobacter* sp. и *Pseudomonas* sp. као важан извор метаболите корисних у за биотехнологију, стимулацију раста биљака и контролу болести биља: од изолата до препарата” #46007. Носилац: Институт за земљиште, Београд. Руководилац: др Драгана Јошић.

„Развој интегрисаних система управљања штетним организмима у биљној производњи са циљем превазилажења резистентности и унапређења квалитета и безбедности хране“ # 46008. Носилац: Пољопривредни факултет, Београд. Руководилац: др Алекса Обрадовић.

„Модификације антиоксидативног метаболизма биљака са циљем повећања толеранције на абиотски стрес и идентификација нових биомаркера са применом у ремедијацији и биомониторингу деградираних станишта“ #43010. Руководилац: др Соња Вењовић Јовановић.

Програм истраживања у области технолошког развоја

„Мерење и моделирање физичких, хемијских, биолошких и морфодинамичких параметара река и водних акумулација #37009. Носилац: Грађевински факултет, Београд. Руководилац: др Зорана Науновић.

3. Међународни пројекти, COST акције и уговори билатералне сарадње 2016-2019. године

3.1 Међународни уговори

SCOPES - Circadian regulation of phototropism in Arabidopsis and potato, 2014-2016

SCOPES - Interactions between stress and dietary fructose in the development of the metabolic syndrome: role of glucocorticoids, 2014-2017

SCOPES - The molecular links between cholesterol homeostasis, membrane trafficking and Alzheimer's disease, 2014-2016

Project proposal to the Alexander von Humboldt foundation, in the frame of the AvH program for funding a Research Group Linkage - Crosstalk between tet-mediated 5-methylcytosine oxidation and parp-dependent adp-ribosylation in the process of dna demethylation in mammals, 2015-2016

EFSD - Transdifferentiation of pancreatic alpha to beta cells via targeted epigenome editing using epi-crisprs directed dna methylation, 2015-2016

EU FP7 GLOBAQUA (Grant Agreement No. 603629-ENV-2013-6.2.1-Globaqua) Managing the effects of multiple stressors on aquatic ecosystems under water scarcity“, grant 603629, 2014-2019

Detection of DNA methylation profile changes using FTIR micro-spectroscopy: a method for possible implementation as a diagnostic tool in diabetes, 2019

Establishment of NATURA 2000 network, 2016-2019

Fogarty Program - Caloric restriction and Alzheimer's ABeta clearance pathway, 2015-2016

Iacocca Family Foundation: "Generation of insulin-specific T regulatory cells for the treatment of type 1 diabetes", 2016-2017

NIH-FIRCA - Fogarty International Center Award R03AG046216 - "Kalorijska restrikcija i uklanjanje β -amiloida u Alchajmerovoj bolesti", 2013-2016

ReFocus EU HORIZON 2020 MSCA-NIGHT-2016: "The Road to Friday of Science - ReFocuS", 2016-2017

Road to Friday of Science 2.0 – ReFocuS, 2018-2020

Strengthening the Capacities for Implementation of the Water Framework Directive in Montenegro EuropeAid/138151/DH/SER/ME - 01-2403 / 21.11.2017, 2017-2020.

Strengthening the Capacities for Implementation of the Water Framework Directive in Montenegro EuropeAid/138151/DH/SER/ME - 01-2253 / 09.11.2018, 2018.

Towards the assessment of ecological status of water bodies in the Sava River Basin, STAWA in relation to the „START-Danube Region Project Fund" of the European Union Strategy for the Danube Region, 2015-2016

Norwegian Institute for Bioeconomic Research – NIBIO: „Fruit-N-Quality: Norwegian Fruit Genetic Resources – Healthy, Taste & No Waste“, 2019-2022

Аустријски фонд за науку: „Understanding fecal pollution sources as propagation pathways of antimicrobial resistance in the Danube River: Establishing a quantitative whole river approach“, 2019-2022

Партнерски фонд за критично угрожене екосистеме (ЦЕПФ): „Укључивање локалне заједнице у процес заштите и унапређења станишта угрожене скадарске жабе (*Pelophylax shqipericus*) на простору делте реке Бојане“, 2019-2021

James S. McDonnell Foundation, USA: „Therapy optimization in glioblastoma: An integrative human-data based approach using mathematical models (TOG)“, 2018-2022

The Hungarian National Research, Development and Innovation Office (NKFIH): Synthesis, structure determination and biological evaluation of potential anticancer ferrocene-cinchona hybrids modified with structural elements of approved therapeutic agents“, 2018-2022

Министарство за науку Црне Горе: „Screening of chemical indicators and molecular biomarkers of marine mussels and fish with application in medicine and pharmacology (ShellMed)“, 2019-2021

University of Sheffield, Meeting the challenge of multimorbidity in post-conflict Serbia, 2019

Међународна комисија за заштиту реке Дунав(International Commission for the Protection of the Danube River - ICPDR): Четврто заједничко истраживање реке Дунав - међународни програм, 2019

European Commission: Израда поглавља: Environmental aspects of floods, 2019

Конзорцијум: Електропривреда Црне Горе, Грађевински факултет Универзитета у Београду и Институт за биолошка истраживања "Синиша Станковић" (Бр. уговора: 431225/3-19 од 7. 6. 2019): Израда дела техничке документације “Елаборат о процјени утицаја на животну средину изградње ХЕ Комарница”, 2019-2020.

ESEB - Special Topics Network (STN): European Drosophila population genomics, 2016-2022

Development of thioredoxin reductase inhibitors towards new anti-cancer agents (THIOREDIN), 2018-2020

CHIC HORIZON 2020 BIOTEC-07-2017: "Chicory as a multipurpose crop for dietary fibre and medicinal terpenes", 2018-2022

Executive Environmental Agency, Sofia, Bulgaria: Analyzes and studies of species and natural habitats subject to reporting under Art. 17 of the Habitats Directive and Art. 12 of the Birds Directive, 2018-2021

Alexander von Humboldt Foundation - Research Group Linkage Programme: "Human gut microbiota transfer for novel insights into central nervous system autoimmunity pathogenesis", 2018-2020

3.2 COST акције

COST Action CA18239 - Conservation of freshwater mussels: a pan-European approach - CONFREMUS, 2019-2023

COST Action CA18221 - Pesticide Risk Assessment for Amphibians and Reptiles, 2019-2023

COST Action CA18210 - Oxygen sensing a novel mean for biology and technology of fruit quality (RoxyCOST), 2019-2023

COST Action CA18201 - An integrated approach to conservation of threatened plants for the 21st Century, 2019-2023

COST Action CA18135 - Fire in the Earth System: Science & Society (FIRElinks), 2019-2023

COST Action CA18133 - European Research Network on Signal Transduction – ERNEST, 2019-2023

COST Action CA18111 - Genome editing in plants - a technology with transformative potential, 2019-2023

COST action CA18102 - The European Aquatic Animal Tracking Network (ETN), 2019-2023

COST Action CA17127 - Building on scientific literacy in evolution towards scientifically responsible Europeans, 2018-2022

COST Action CA17121 - Correlated Multimodal Imaging in Life Sciences - COMULIS, 2018-2022

COST Action CA17104 - New Diagnostic and Therapeutic Tools Against Multidrug Resistant Tumors (STRATAGEM), 2018-2022

COST Action CA16229 - European Network for Environmental Citizenship, 2017-2022

COST Action CA16112 - Personalized Nutrition in aging society: redox control of major age-related diseases, 2017-2021

COST Action CA15219 - Developing new genetic tools for bioassessment of aquatic ecosystems in Europe, 2016-2020

COST Action CA15214 - An integrative action for multidisciplinary studies on cellular structural networks, 2016-2021

COST Action CA15138 - European Network of Multidisciplinary Research and Translation of Autophagy knowledge (TRANSAUTOPHAGY), 2016-2020

COST Action CA15113 - Science and Management of Intermittent Rivers and Ephemeral Streams (SMIRES), 2016-2020

COST Action CM1407 - Challenging organic syntheses inspired by nature - from natural products chemistry to drug discovery (NATCHEMDRUGS), 2015-2019

FA COST Action FA1201 - Epigenetics and Periconception Environment - Periconception environment as an epigenomic lever for optimising food production and health in livestock, 2012-2016

BMBS COST Action BM1202 - European Network on Microvesicles and Exosomes in Health and Disease (ME-HAD), 2012-2016

CMST COST Action CM1106 - Chemical Approaches to Targeting Drug Resistance in Cancer Stem Cells, 2012-2016

CMST COST Action CM1105 - Functional metal complexes that bind to biomolecules, 2012-2016

BMBS COST Action BM1203 - EU-ROS, 2012-2016

FPS COST Action FP1106 - Studying Tree Responses to extreme Events: a SynthesiS (STReESS), 2012-2016

CMST COST Action CM1201 - Biomimetic Radical Chemistry, 2012-2016

FA COST Action FA1205 - Assessing and improving the quality of aquatic animal gametes to enhance aquatic resources - The need to harmonize and standardize evolving methodologies, and improve transfer from academia to industry, 2012-2016

ESSEM COST Action ES1201 - Networking Lake Observatories in Europe (NETLAKE), 2012-2016

BMBS COST Action BM1305 - Action to Focus and Accelerate Cell-based Tolerance-inducing Therapies (A FACTT), 2013-2017

BMBS COST Action BM1402 - Development of a European network for preclinical testing of interventions in mouse models of age and age-related diseases (MouseAGE), 2014-2018

BMBS COST Action BM1307 - European network to integrate research on intracellular proteolysis pathways in health and disease (PROTEOSTASIS), 2014-2018

FA COST Action FA1304 - Swimming of fish and implications for migration and aquaculture (FITFISH), 2014-2018

FA COST Action 1403 - Interindividual variation in response to consumption of plant food bioactives and determinants involved (POSITIVE), 2014-2018

3.3 Уговори билатералне сарадње

Аустрија - Harmonization of the microbiological methods for the assessment of the Danube River water quality, 2018-2020

Белорусија - Распрострањење инвазивне гљивице *Batrachochytrium dendrobatidis* у Србији и Белорусији и актуелна опасност по локалне заједнице водоземаца, 2018-2019

Белорусија - Утицај алохтоних врста на функционалну стабилност нативних заједница, процена ризика и идентификација нивоа притиска изазваног биолошким инвазијама у слатководним екосистемима, 2018-2019

Црна Гора - Биоконтрола фитопатогених гљива природним производима пореклом из суптропских биљака реда ROSALES, 2019-2021

Црна Гора - Праћење биомаркера у медитеранској дагњи (*Mytilus galloprovincialis*) као потенцијални систем раног упозоравања, 2019-2021

Црна Гора - Рибе, ракови и шкољке, биоиндикатори стања животне средине Црногорског приморја, 2016-2018

ДААД - СР Немачка - Дијалог универзитета са земљама Западног Балкана - 2016-2017

ДААД - СР Немачка - Природни производи као индикатори диференцијације у третману меланома, 2018-2020

Француска - MAGNETDROZOLOKO, 2018-2019

Немачка - Mesoporous SiO₂ as drug delivery vehicle for anticancer natural products and their derivatives, 2016-2017

Хрватска - Испитивање протеолитичке обраде и дистрибуције супстрата BACE1 е ензима у трансеном мишјем моделу Алцхајмерове болести и њихова потенцијална улога у патогенези болести, 2016-2017

Хрватска - Испитивање регулаторне улоге протеина TROL у расподјели електрона при UVB-индуцираном механизму накупљања флавоноида и антоцијанина у листовима биљака *Arabidopsis thaliana*, 2019-2020

НР Кина - Био-инспирисани материјали за фотонске сензоре и сигурносне уређаје, 2018-2020

НР Кина - Биолошки ефекти екстраката и молекула изолованих из биљака са територије Балкана, 2018-2021

НР Кина - Гљиве пореклом из Србије као извор нових биолошки активних једињења, 2015-2017

Словенија - Combined *in vivo* and *in vitro* approach for detection of genotoxic potential in aquatic environments (“SavaTox”), 2018-2019

Словенија - *In vitro* propagacija i očuvanje ugroženih vrsta roda *Gentiana* i *Gentianella* u cilju održivog korišćenja biljnog materijala i bioaktivnih sekundarnih metabolita, 2018-2019

Словенија - Integrative approach to basic housekeeping metabolism and adaptive plasticity screening in different *ex vivo* tissue models, 2016-2017

4. Уговори са другим министарствима и привредом

Министарство пољопривреде, шумарства и водопривреде Републике Србије – Републичка дирекција за воде: “Истраживачки мониторинг фитобентоса и водених макробескичмењака на изабраним локацијама са циљем допуне података за иновирање планова управљања водама за водна подручја Србије“, 2019-2020

Фонд за иновативну делатност РС: „Карактеризација бактеријских ензима и испитивање услова за њихову оптималну активност“, 2019-2020.

Министарство пољопривреде, шумарства и водопривреде Републике Србије: Услуге спровођења националног програма четвртог заједничког истраживања реке Дунав (ЈДС4), 2019.

Министарство пољопривреде, шумарства и водопривреде Републике Србије – Републичка дирекција за воде: „Припрема Плана управљања сливом реке Дунав у Србији“, 2019-2020

Министарство пољопривреде, шумарства и водопривреде РС - Управа за пољопривредно земљиште: „Степен ерозионе угрожености пољопривредних земљишта Јабланичког управног округа“, 2019.

Завод за јавно здравље Чачак: Испитивање квалитета/статуса вода на територији Чачка, на две локације на Западној Морави и у два периода (период високих и ниских вода), 2019.

УСР "Делиблатско језеро": Мониторинг стања популација текунице (*Spermophilus citellus*) и слепог кучета (*Splax leucodon*) у Специјалном резервату пророде Краљевац, 2019.

Бео чиста енергија д.о.о.: Мониторинг птица у току изградње и уређења комплекса за управљање отпадом "Винча", 2019.

Градски завод за јавно здравље Београд: „Испитивање водених микробескичмењака река, канала и језера на територији Београда“, 2019.

Есенса д.о.о. Београд (Број уговора: 01-1043/06.05.2019): „Испитивање репелентне ефикасности препарата Xibiz strong protection spray“, 2019.

Стоп, Ниш (Број уговора: 01-1062/08.05.2019): „Лабораторијско испитивање репелентне ефикасности огрлице „Dayong” против крпеља и бува“, 2019.

ЖКП "Зеленило Београд": Мониторинг Великог ратног острва, 2019.

ЈП "Национални парк Копаоник": Мониторинг заштићених врста у Националном парку Копаоник - мониторинг водоземаца и гмизаваца, 2019.

Специјални резерват природе Увац: Мониторинг водоземаца и гмизаваца на подручју Специјалног резервата природе "Увац", 2019.

Туристичка организација општине Сурдулица: Мониторинг популације текуница на простору ПИО "Власина" у 2019. години, 2019.

Резерват Увац д.о.о.: Маркирања лешинара - белоглавих супова (lat. *Gyps fulvus*), конкретно младунаца на гнезду, на подручју Специјалног резервата природе "Увац" у 2019. години, 2019.

Baltic Junior doo Београд: Лабораторијско испитивање антифунгалног дејства препарата под називом Оригано дерм на 2 врсте гљива и то: *Microsporum Canis* и *Trichophyton Tonsurans*, 2019.

Институт за водопривреду "Јарослав Черни", Београд: Израда студије: Хидробиолошка истраживања, 2019.

Zepster International: „Антитуморска својства светлости ВІОРТРОН НРL уређаја и експерименталне супстанце ЗНFWC појединачно или у садејству“, 2018-2019.

ЈП Национални парк „Ђердап“ (Број уговора: 01-606/29.03.2018. и 1251/28.03.2018): Диверзитет репродуктивних центара водоземаца Националног парка Ђердап, 2018.

Zepster International: „Ефекти три врсте светлости и ЗНFWC упстанце на растење и развиће парадајза (*Solanum lycopersicum* L.)“, 2018-2019.

Zepster International: „Испитивање неуропротективних својстава нано квантне супстанце ЗНFWC у анималном моделу Алцхајмерове болести“, 2018-2019.

Туристичка организација општине Сурдулица (Број уговора: 01-952/16.05.2018. и 441/5/09.05.2018): „Истраживање фауне слепих мишева, мониторинг популације текуница и истраживање фауне глодара на простору ПИО „Власина“ у 2018. години“, 2018.

Southpharm d.o.o. Војка (Број уговора: 01-780/23.04.2018): „Лабораторијско испитивање биолошке ефикасности препарата BUBEX на буба русама врсте *Blatta germanica* и бубашвабама врсте *Blatta orientalis*“, 2018.

Еко-Станпром д.о.о. (Број уговора: 01-778 19.04.2017): „Лабораторијско испитивање биолошке ефикасности препарата-инсектицида за сузбијање мрава Elimin ant (firpronil 0,20%) на врсти жутих мрава *Monomorium pharaonic*“, 2017-2018

Есенса (Број уговора: 01-897 15.05.2015): „Лабораторијско испитивање биолошке ефикасности препарата Xibi spray и Xibi gel“, 2015-2016

Patent Со д.о.о. Мишићево: „Испитивање утицаја и ефеката употребе додатака за храну за животиње RIDofMITE у исхрани кокошака на присуство кокошије гриње (*Dermanyssus gallinae*) у *in vivo* условима“, 2019.

Patent Со д.о.о. Мишићево (Број уговора: 01-1315/03.06.2019): ” Утицај додатка за храну RIDofMITE у исхрани кокошака на присуство кокошије гриње *Dermanyssus gallinae*”, 2019.

Patent Со д.о.о. Мишићево (Број уговора: 01-2764/09.12.2019): ”Лабораторијско испитивање репелентне ефикасности препарата RIDofMITE на врсти *Dermanyssus gallinae*”, 2019.

Patent Со д.о.о. Мишићево Број уговора: 01-964/18.05.2018): ”Лабораторијско испитивање утицаја адитива сточне хране (RIDofMITE) на *Dermanyssus gallinae* у *in vitro* условима”, 2018.

Завод за заштиту животне средине Републике Србије (Број уговора: ЈНОП 03/2018): „Прибављање података и друге услуге у циљу наставка израде црвених листа појединачних група организама флоре, фауне и гљива у Републици Србији“, 2018.

Baltic Junior doo Београд: Лабораторијско испитивање антибактеријског и антифунгалног дејства препарата под називом Оригано Дерм на шест различитих микроорганизама (3 врсте бактерија и 3 врсте гљива), 2018.

Dvorer doo: Истраживања макробескичмењака површинских вода на подручју под утицајем депоније Винча, 2018.

ПМФ Крагујевац: Лабораторијско испитивање узорака одређених житарица - имуноблот анализа протеина из узорака листова пшенице за потребе ТП 31092, 2018.

Институт за водопривреду "Јарослав Черни", Београд: Припрема четвртог заједничког истраживања реке Дунав - национални програм, 2018.

УСР "Делиблатско језеро": Мониторинг стања популација текунице (*Spermophilus citellus*) и слепог кучета (*Splax leucodon*) у специјалном резервату пророде Краљевац, 2018.

Градски завод за јавно здравље Београд: „Испитивање водених микробескичмењака река, канала и језера на територији Београда“, 2018.

ЈП "Национални парк Копаоник": Мониторинг водоземаца и гмизаваца на простору Националног парка Копаоник, 2018

Завод за заштиту животне средине Републике Србије (Број уговора: ЈНОП 01/2018): „Прибављање података и друге услуге у циљу наставка успостављања еколошке мреже у Републици Србији“, 2018.

Завод за заштиту животне средине Републике Србије (Број уговора: ЈНОП 02/2018): „Прибављање података и друге услуге у циљу успостављања еколошке мреже Европске уније Натура 2000 као дела еколошке мреже Републике Србије“, 2018.

ЈКП "Зеленило Београд" (Број уговора: 36/1 од 26.03.2018): „Пројектни задатак стручног саветника за орнитологију: Саветодавно унапређивање газдовања заштићеним подручјем и контрола спровођења програма мера заштите и развоја Великог ратног острва“, 2018.

Министарство пољопривреде, шумарства и водопривреде Републике Србије (Број уговора: 401-00-02324/4/2018-14): ”Степен ерозионе угрожености пољопривредних земљишта Златиборског управног округа“, 2018.

Секретаријат за заштиту животне средине Града Београда (Број уговора: В-01 401.1-19/16): ”Утицај индустријских постројења на потенцијалну контаминацију животне средине руралних населја Града Београда“, 2016-2018.

Министарство заштите животне средине Републике Србије (Број уговора: 404-02-46/5/2018-02): „Утврђивање природног фона појединих штетних и опасних материја у земљишту“, 2018.

Градски завод за јавно здравље Београд: „Услуге испитивања водених микробескичмењака река, канала и језера на територији Београда“, 2017-2018.

ПП "Стара планина": Етноботаничка истраживања разноврсности и употребе лековитих биљака на подручју ПП "Стара планина" за ШГ "Пирот", 2017-2018.

Ranagro M&G, Панчево (Број уговора: 01-312/26.02.2016): „Тестирање биолошке ефикасности ПАНЦИД ПЛУС препарата за врсте *Blatta orientalis*, *Monomorium pharaonis* и *Dermanyssus gallinae*“, 2016

Ranagro M&G, Панчево (Број уговора: 01-900/17.05.2016): „Тестирање биолошке ефикасности препарата са инсектицидним деловањем (Medna Rosa)“, 2016.

Ranagro M&G, Панчево (Број уговора: 01-1500/1/01.08.2016): „Тестирање биолошке ефикасности Осатох препарата за врсте *Vespa germanica* и *Musca domestica*“, 2016.

Еко - станпром д.о.о. Обреновац (Број уговора: 01-2097/15.11.2016): „Испитивање биолошке ефикасности инсектицида Елиминатор - гел за врсте *Batta orientalis* и *Blatella germanica*“, 2016.

Еко - станпром д.о.о. Обреновац (Број уговора: 01-701/30.03.2017): „Тестирање биолошке ефикасности препарата Eliminator“, 2017.

Ranagro M&G, Панчево (Број уговора: 01-1545/31.07.2017): „Испитивање ефикасности репелента Пан и испитивање ефикасности репелента Пан лосион“, 2017.

Delco d.o.o., Нови Сад (Број уговора: 01-1737/11.09.2017): „Испитивање биолошке ефикасности препарата Alfasect“, 2017.

Ranagro M&G, Панчево (Број уговора: 01-2005/03.10.2017): „Биолошка провера ефикасности препарата Larvixen PWD“, 2017.

4.1 Пројекти промоције науке

Центар за промоцију науке – „Ћелија за сваког“, 2015-2016

Промоција науке (Носилац пројекта: Друштво за неуронауке Србије): ЗооМозгологија, 2019-2020.

Покрени се за науку (Стипендија): „Глукокортикоидна сигнализација и инфламација у ћелијским линијама хуманих адипоцита третираних фруктозом“, 2016-2017.

Покрени се за науку (Конкурс: Истражи. Промени): „Материнска клетва у контроли бројности штетних инсеката“, 2018-2019.

Покрени се за науку (Стипендија): „Модулација интрацелуларног енергетског сензора и његовог сигналног пута, као и аутофагије *in vitro* моделу исхемијског мозданог удара“, 2016-2017.

Покрени се за науку (Конкурс: Истражи. Промени): „Улога интеракције CD4 лимфоцита и астроцита у патологији мултипле склерозе“, 2018-2019.

Покрени се за науку (Конкурс: Истражи. Промени): „Молекуларни механизми деловања пантопразола на индукцију апоптозе и аутофагије у неситноћелијском карциному плућа *in vitro*“, 2019-2020.

5. Кадрови

У периоду 2016-2019. на Институту су били запослени следећи истраживачи и сарадници:

ОДЕЉЕЊЕ ЗА НЕУРОФИЗИОЛОГИЈУ

1. Др Петковић Бранка – руководилац одељења – звање научни саветник
2. Др Јеленковић Анкица – истраживач саветник – звање научни саветник
3. Др Хархаји Трајковић Љубица – истраживач саветник – звање научни саветник
4. Др Зоговић Невена – виши истраживач – звање виши научни сарадник
5. Др Николић Љиљана – виши истраживач – звање виши научни сарадник
6. Др Вучићевић Љубица – истраживач – звање научни сарадник
7. Др Рауш Балинд Снежана – истраживач – звање научни сарадник
8. Др Мисиркић Марјановић Маја – истраживач – звање научни сарадник
9. Др Јањетовић Кристина – истраживач – звање научни сарадник
10. Др Тодоровић Наташа – истраживач – звање научни сарадник
11. Др Стојадиновић Гордана – истраживач – звање научни сарадник
12. Др Мартаћ Љиљана – истраживач – звање научни сарадник
13. Др Подгорац Јелена – истраживач – звање научни сарадник
14. Др Кесић Срђан – истраживач – звање научни сарадник
15. Деспотовић Ана – млађи асистент – звање истраживач приправник

ОДЕЉЕЊЕ ЗА НЕУРОБИОЛОГИЈУ

1. Др Пешић Милица – руководилац одељења - звање научни саветник
2. Др Пековић Сања – истраживач саветник– звање научни саветник
3. Др Каназир Селма – истраживач саветник – звање научни саветник
4. Др Шапоњић Јасна – истраживач саветник – звање научни саветник
5. Др Пешић Весна – истраживач саветник – звање научни саветник
6. Др Танић Никола – истраживач саветник – звање научни саветник
7. Др Лаврња Ирена – истраживач саветник – звање научни саветник
8. Др Бјелобаба Ивана – истраживач саветник – звање научни саветник
9. Др Перовић Милка – виши истраживач – звање виши научни сарадник
10. Др Милановић Десанка – виши истраживач – звање виши научни сарадник
11. Др Младеновић Ђорђевић Александра – виши истраживач – звање виши научни сарадник
12. Др Савић Данијела – виши истраживач – звање виши научни сарадник
13. Др Банковић Јасна – виши истраживач – звање виши научни сарадник
14. Др Смиљанић Косара – виши истраживач – звање виши научни сарадник
15. Др Станковић Тијана – виши истраживач – звање виши научни сарадник
16. Др Динић Јелена – виши истраживач – звање виши научни сарадник
17. Др Подолски Ренић Ана – виши истраживач – звање виши научни сарадник
18. Др Ивковић Сања – виши истраживач – звање виши научни сарадник
19. Др Јањић Марија – виши истраживач – звање виши научни сарадник
20. Др Лончаревић Васиљковић Наташа – истраживач – звање научни сарадник

21. Др Попић Јелена – истраживач – звање научни сарадник
22. Др Тешић Весна – истраживач – звање научни сарадник
23. Др Милинковић Ведрана – истраживач – звање научни сарадник
24. Др Ђирић Јелена – истраживач – научни сарадник
25. Др Петровић Јелена – истраживач – научни сарадник
26. Др Хофман Катарина – истраживач – звање научни сарадник
27. Др Стојковић Бурић Соња – истраживач – звање научни сарадник
28. Др Божић Ива – истраживач – звање научни сарадник
29. Др Јовановић Стојанов Софија – истраживач – звање научни сарадник
30. Др Ракић Миа – истраживач – звање научни сарадник
31. Др Тодоровић Смиља – млађи истраживач – звање истраживач сарадник
32. Лазић Дивна – асистент – звање истраживач сарадник
33. Бркић Марјана – асистент – звање истраживач сарадник
34. Др Павковић Жељко – истраживач – звање научни сарадник
35. Јаковљевић Марија – асистент – звање истраживач сарадник
36. Др Драгој Миодраг – млађи истраживач – звање истраживач сарадник
37. Јовановић Мирна – асистент – звање истраживач сарадник
38. Јовић Милена – асистент – звање истраживач сарадник
39. Др Сокановић Срђан – истраживач – звање научни сарадник
40. Нешовић Марија – асистент – звање истраживач сарадник
41. Др Србован Маја – млађи истраживач – звање истраживач сарадник

42. Јовановић Мацура Ирена –млађи асистент – звање истраживач приправник
43. Аврамовић Владимир – млађи асистент – звање истраживач приправник
44. Милошевић Ана –млађи асистент – звање истраживач приправник
45. Тешовић Катарина –млађи асистент – звање истраживач приправник
46. Алексић Милан –млађи асистент – звање истраживач приправник
47. Првуловић Милица –млађи асистент – звање истраживач приправник
48. Потребих Милица –млађи асистент – звање истраживач приправник
49. Радвановић Љиљана – млађи асистент – звање истраживач приправник
50. Адемовић Нејла –млађи асистент – звање истраживач приправник

ОДЕЉЕЊЕ ЗА ИМУНОЛОГИЈУ

1. Др Ђорђе Миљковић – руководилац одељења - звање научни саветник
2. Др Мијатовић Сања – истраживач саветник – звање научни саветник
3. Др Максимовић–Иванић Данијела – истраживач саветник – звање научни саветник
4. Др Стојановић Ивана – истраживач саветник – звање научни саветник
5. Др Момчиловић Миљана – истраживач саветник – звање научни саветник
6. Др Димитријевић Мирјана – истраживач саветник – звање научни саветник
7. Др Пејновић Нада – истраживач саветник – звање научни саветник
8. Др Саксида Тамара – виши истраживач – звање виши научни сарадник
9. Др Петковић Филип – истраживач – научни сарадник
10. Др Мојић Марија – истраживач – научни сарадник

11. Др Николић Ивана – истраживач – звање научни сарадник
12. Др Булатовић Мирна – истраживач – звање научни сарадник
13. Др Јевтић Бојан – истраживач – звање научни сарадник
14. Др Станисављевић Сузана – истраживач – звање научни сарадник
15. Др Паскаш Светлана – истраживач – звање научни сарадник
16. Др Ђедовић Неда – истраживач – звање научни сарадник
17. Др Вујичић Милица – истраживач – звање научни сарадник
18. Крајновић Тамара – асистент – звање истраживач сарадник
19. Драча Дијана – асистент – звање истраживач сарадник
20. Др Милан Марковић – млађи истраживач – истраживач сарадник
21. Копривица Иван – млађи асистент – звање истраживач приправник
22. Лазаревић Милица – млађи асистент – звање истраживач приправник
23. Јелача Сања – млађи асистент – звање истраживач приправник
24. Гајић Драгица – млађи асистент – звање истраживач приправник
25. Прчић Весна – техничар

ОДЕЉЕЊЕ ЗА ЦИТОЛОГИЈУ

1. Др Милошевић Верица – руководилац одељења – звање научни саветник
2. Др Бранка Шошић Јурјевић – истраживач саветник – звање научни саветник
3. Др Манојловић–Стојаноски Милица – истраживач саветник – звање научни саветник
4. Др Несторовић Наташа – истраживач саветник – звање научни саветник

5. Др Филиповић Бранко – истраживач саветник– звање научни саветник
6. Др Ајџановић Владимир – истраживач саветник – звање научни саветник
7. Др Ристић Наташа – виши истраживач – звање виши научни сарадник
8. Др Трифуновић Светлана – виши истраживач – звање виши научни сарадник
9. Др Јарић Ивана – виши истраживач – звање виши научни сарадник
10. Др Живановић Јасмина – виши истраживач – звање виши научни сарадник
11. Др Милер Марко – истраживач – звање научни сарадник

ОДЕЉЕЊЕ ЗА ГЕНЕТИЧКА ИСТРАЖИВАЊА

1. Др Благојевић Јелена - руководилац одељења - звање научни саветник
2. Др Вујошевић Младен- истраживач саветник – звање научни саветник
3. Др Стаменковић Горана – истраживач саветник – звање научни саветник
4. Др Јојић Вида – виши истраживач – звање виши научни сарадник
5. Др Бугарски Станојевић Вања – виши истраживач – звање виши научни сарадник
6. Др Аднађевић Тања – виши истраживач – звање виши научни сарадник
7. Др Јовановић Владимир – виши истраживач – звање виши научни сарадник
8. Будински Ивана –асистент – звање истраживач сарадник
9. Др Рајичић Марија – млађи истраживач – звање истраживач сарадник
10. Миљевић Милан –асистент – звање истраживач сарадник
11. Пејић Бранка –млађи асистент – звање истраживач приправник

ОДЕЉЕЊЕ ЗА ГЕНЕТИКУ ПОПУЛАЦИЈА И ЕКОГЕНОТОКСИКОЛОГИЈУ

1. Др Танасковић Марија – руководилац одељења – звање научни сарадник
2. Др Савић Татјана – истраживач саветник – звање научни саветник
3. Др Стаменковић Радак Марина – истраживач саветник – научни саветник
4. Др Курбалија Новичић Зорана – виши истраживач – звање виши научни сарадник
5. Др Кениг Бојан - истраживач – звање научни сарадник
6. Др Патенковић Александра – истраживач – звање научни сарадник
7. Др Давидовић Слободан – млађи истраживач – звање истраживач сарадник
8. Лечић Соња – млађи асистент – звање истраживач приправник
9. Ерић Катарина – млађи асистент – звање истраживач приправник
10. Ерић Павле – млађи асистент – звање истраживач приправник
11. Буквић Цветковић Ивана – техничар

ОДЕЉЕЊЕ ЗА ЕВОЛУЦИОНУ БИОЛОГИЈУ

1. Др Тарасјев Алексеј – руководилац одељења – звање научни саветник
2. Др Јелка Црнобрња Исаиловић – истраживач саветник – звање научни саветник
3. Проф. др Симоновић Предраг – истраживач саветник – звање научни саветник, редовни професор
4. Др Миљковић Данијела – виши истраживач – звање виши научни сарадник
5. Др Шешлија Јовановић Дарка – виши истраживач – виши научни сарадник
6. Др Аврамов Стеван – виши истраживач – звање виши научни сарадник

7. Др Вуков Тања – виши истраживач – звање виши научни сарадник
8. Др Цвијановић Милена – виши истраживач – звање виши научни сарадник
9. Др Живановић Горан – виши истраживач – звање виши научни сарадник
10. Др Урошевић Александар – виши истраживач – звање виши научни сарадник
11. Др Маниташевић Јовановић Сања – виши истраживач – звање виши научни сарадник
12. Др Баришић Клисарић Наташа – истраживач – звање научни сарадник
13. Др Томашевић Коларов Наташа – истраживач – звање научни сарадник
14. Др Вулета Ана – истраживач – звање научни сарадник
15. Др Ђорђевић Мирко – истраживач – звање научни сарадник
16. Др Савковић Урош – истраживач – звање научни сарадник
17. Др Живковић Урош – истраживач – звање научни сарадник
18. Др Ајдуковић Маја – истраживач – звање научни сарадник
19. Др Анђелковић Марко – истраживач – звање научни сарадник
20. Др Ћосић Нада – истраживач – звање научни сарадник
21. Др Будечевић Сања – млађи истраживач – звање истраживач сарадник
22. Ћоровић Јелена – асистент – звање истраживач сарадник
23. Вучић Тијана – млађи асистент – звање истраживач приправник
24. Хочевар Катарина – млађи асистент – звање истраживач приправник
25. Јовановић Богдан – млађи асистент – звање истраживач приправник
26. Мирч Марко – млађи асистент – звање истраживач приправник
27. Кијановић Ана – млађи асистент – звање истраживач приправник

28. Нолић Владимир –млађи асистент – звање истраживач приправник

ОДЕЉЕЊЕ ЗА ЕКОЛОГИЈУ

1. Др Павловић Павле - руководилац одељења - звање научни саветник
2. Др Катарановски Драган – истраживач саветник – звање научни саветник
3. Др Катарановски Милена – истраживач саветник – звање научни саветник
4. Др Матић Рада – истраживач саветник – звање научни саветник
5. Др Митровић Мирослава – истраживач саветник – научни саветник
6. Др Караџић Бранко – истраживач саветник – звање научни саветник
7. Др Бојовић Срђан – истраживач саветник – звање научни саветник
8. Др Поповић Зорица – истраживач саветник – звање научни саветник
9. Др Чакмак Драган – истраживач саветник – звање научни саветник
10. Др Јарић Снежана – виши истраживач – звање виши научни сарадник
11. Др Мирков Ивана – виши истраживач – звање виши научни сарадник
12. Др Костић Олга – истраживач – звање научни сарадник
13. Др Гајић Гордана – истраживач – звање научни сарадник
14. Др Попов Александров Александра – истраживач – звање научни сарадник
15. Др Марковић Милена – истраживач – звање научни сарадник
16. Др Стаменковић Марија – истраживач – звање научни сарадник
17. Др Перовић Вељко – истраживач – звање научни сарадник
18. Др Маринковић Саша – истраживач – звање стручни саветник

19. Мр Оберан Љиљана – асистент – звање стручни саветник
20. Др Павловић Драгана – млађи истраживач – звање истраживач сарадник
21. Др Павловић Марија – истраживач – звање научни сарадник
22. Др Видаковић Вера – млађи истраживач – звање истраживач сарадник
23. Матаруга Зорана – асистент – звање истраживач сарадник
24. Марковић Милица – асистент – звање истраживач сарадник
25. Туцовић Дина – асистент – звање истраживач сарадник
26. Деменеску Јелена – виши асистент – звање истраживач сарадник
27. Кулаш Јелена – млађи асистент – звање истраживач приправник
28. Зељковић Милица – млађи асистент – звање истраживач приправник
29. Поповић Душанка – млађи асистент – звање истраживач приправник
30. Секулић Димитрије – млађи асистент – звање истраживач приправник
31. Смиљанић Мирослава – стручни сарадник

ОДЕЉЕЊЕ ЗА ХИДРОЕКОЛОГИЈУ И ЗАШТИТУ ВОДА

1. Др Пауновић Момир – руководилац одељења – звање научни саветник
2. Др Ленхардт Мирјана – истраживач саветник – звање научни саветник
3. Др Ђикановић Весна – виши истраживач – звање виши научни сарадник
4. Др Томовић Јелена – истраживач – звање научни сарадник
5. Др Тубић Бојана – истраживач – звање научни сарадник
6. Др Зорић Катарина – истраживач – звање научни сарадник

7. Др Атанацковић Ана – истраживач – звање научни сарадник
8. Др Раковић Маја – истраживач – звање научни сарадник
9. Др Поповић Наташа – истраживач – звање научни сарадник
10. Др Васиљевић Божица – истраживач – звање научни сарадник
11. Др Вранковић Јелена – истраживач – звање научни сарадник
12. Др Марковић Вања – истраживач – звање научни сарадник
13. Др Крачун Коларевић Маргарета – истраживач – звање научни сарадник
14. Илић Марија – асистент – звање истраживач сарадник
15. Маринковић Никола – асистент – звање истраживач сарадник
16. Анђус Стефан – асистент – звање истраживач сарадник
17. Чанак Атлагић Јелена – асистент – звање истраживач сарадник
18. Јовичић Катарина – асистент – звање истраживач сарадник
19. Ђукнић Јелена – асистент – звање истраживач сарадник

ОДЕЉЕЊЕ ЗА ФИЗИОЛОГИЈУ

1. Др Благојевић Душко – руководиоца одељења – звање научни саветник
2. Др Саичић Зорица - истраживач саветник – звање научни саветник
3. Др Спасић Михајло – истраживач саветник – звање научни саветник
4. Др Бузацић Биљана– истраживач саветник – звање научни саветник
5. Др Николић Кокић Александра – истраживач саветник – звање научни саветник
6. Др Павловић Слађан – истраживач саветник – звање научни саветник

7. Др Оташевић Весна – истраживач саветник – звање научни саветник
8. Др Станчић Ана – истраживач саветник – звање научни саветник
9. Др Кораћ Бато – истраживач саветник – звање научни саветник
10. Др Борковић Митић Славица – виши истраживач – звање виши научни сарадник
11. Др Радовановић Тијана – виши истраживач – звање виши научни сарадник
12. Др Гавриловић Бранка – виши истраживач – звање виши научни сарадник
13. Др Јанковић Александра – виши истраживач – звање виши научни сарадник
14. Др Орешчанин Душић Зорана – виши истраживач – звање – виши научни сарадник
15. Др Деспотовић Светлана – истраживач – звање научни сарадник
16. Др Гаврић Јелена – истраживач – звање научни сарадник
17. Др Вучетић Милица – истраживач – звање научни сарадник
18. Др Мијушковић Ана – истраживач – звање научни сарадник
19. Др Прокић Марко – истраживач – звање научни сарадник
20. Др Видоња Узелац Теодора – млађи истраживач – звање истраживач сарадник
21. Таталовић Никола – асистент – звање истраживач сарадник
22. Петровић Тамара – асистент – звање истраживач сарадник
23. Калезић Анђелика – асистент – звање истраживач сарадник
24. Машовић Сава – млађи асистент – звање истраживач приправник
25. Ђурић Страхиња – млађи асистент – звање истраживач приправник

ОДЕЉЕЊЕ ЗА БИОХЕМИЈУ

1. Др Матић Гордана-руководилац одељења - звање научни саветник
2. Др Томић Мирко – истраживач саветник – звање научни саветник
3. Др Војновић – Милутиновић Данијела – виши истраживач – звање виши научни сарадник
4. Др Бркљачић Јелена – виши истраживач – звање виши научни сарадник
5. Др Елаковић Ивана – виши истраживач – звање виши научни сарадник
6. Др Товиловић Ковачевић Гордана – виши истраживач – звање виши научни сарадник
7. Др Игњатовић Ђурђица – виши истраживач – звање виши научни сарадник
8. Др Величковић Наташа – виши истраживач – звање виши научни сарадник
9. Др Ђорђевић Ана – виши истраживач – звање виши научни сарадник
10. Др Николић Марина – истраживач – звање научни сарадник
11. Др Бурсаћ Биљана – истраживач – звање научни сарадник
12. Др Теофиловић Ана – истраживач – звање научни сарадник
13. Др Ковачевић Сања – истраживач – звање научни сарадник
14. Глигоровска Љупка –асистент – звање истраживач сарадник
15. Мићић Бојана –млађи асистент – звање истраживач приправник

ОДЕЉЕЊЕ ЗА МОЛЕКУЛАРНУ БИОЛОГИЈУ

1. Др Видаковић Мелита– руководилац одељења - звање научни саветник
2. Др Григоров Илијана – истраживач саветник - звање научни саветник
3. Др Ивановић-Матић Светлана –истраживач саветник – звање научни саветник

4. Др Богојевић Десанка – истраживач саветник – звање научни саветник
5. Др Михаиловић Мирјана – истраживач саветник – звање научни саветник
6. Др Познановић Горан – истраживач саветник – звање научни саветник
7. Др Динић Светлана – истраживач саветник – звање научни саветник
8. Др Ускоковић Александра – виши истраживач – звање виши научни сарадник
9. Др Грдовић Невена – виши истраживач – звање виши научни сарадник
10. Др Арамбашић Јовановић Јелена – виши истраживач – звање виши научни сарадник
11. Др Мартиновић Весна – виши истраживач – звање виши научни сарадник
12. Др Петровић Ања – млађи истраживач – звање истраживач сарадник
13. Др Ђорђевић Милош – млађи истраживач – звање истраживач сарадник
14. Др Толић Ања – млађи истраживач – звање истраживач сарадник
15. Рајић Јована –систент – звање истраживач сарадник
16. Стевановић Јелена –млађи асистент – звање истраживач приправник
17. Ђорђевић Марија –млађи асистент – звање истраживач приправник
18. Ивановић Анђелија –млађи асистент – звање истраживач приправник
19. Милићевић Татјана – техничар

ОДЕЉЕЊЕ ЗА ФИЗИОЛОГИЈУ БИЉАКА

1. Др Нинковић Славица – руководилац одељења – звање научни саветник
2. Др Гламочлија Јасмина – истраживач саветник – звање научни саветник
3. Др Симоновић Ана – истраживач саветник – звање научни саветник

4. Др Будимир Снежана – истраживач саветник – звање научни саветник
5. Др Винтерхалтер Бранка – истраживач саветник – звање научни саветник
6. Др Здравковић-Кораћ Снежана – истраживач саветник – звање научни саветник
7. Др Суботић Ангелина – истраживач саветник – звање научни саветник
8. Др Соковић Марина – истраживач саветник – звање научни саветник
9. Др Јевремовић Слађана – истраживач саветник – звање научни саветник
10. Др Момчиловић Ивана – истраживач саветник – научни саветник
11. Др Бањац Невена – истраживач саветник – научни саветник
12. Др Винтерхалтер Драган – истраживач саветник – звање научни саветник
13. Др Ђалић Душица – истраживач саветник – звање научни саветник
14. Др Мишић Данијела – истраживач саветник – звање научни саветник
15. Др Тодоровић Слађана – виши истраживач – звање виши научни сарадник
16. Др Ћирић Ана – виши истраживач – звање виши научни сарадник
17. Др Живковић Сузана – виши истраживач – звање виши научни сарадник
18. Др Дмитровић Славица – виши истраживач – звање виши научни сарадник
19. Др Трифуновић Момчилов Милана – виши истраживач – звање виши научни сарадник
20. Др Цингел Александар – виши истраживач – звање виши научни сарадник
21. Др Шилер Бранислав – виши истраживач – звање виши научни сарадник
22. Др Савић Јелена – виши истраживач – звање виши научни сарадник
23. Др Марковић Марија – виши истраживач – звање виши научни сарадник
24. Др Милошевић Снежана – виши истраживач – звање виши научни сарадник

25. Др Крстић Милошевић Дијана – виши истраживач – звање виши научни сарадник
26. Др Гашић Урош – виши истраживач – звање виши научни сарадник
27. Др Узелац Бранка – истраживач – звање научни сарадник
28. Др Филиповић Биљана – истраживач – звање научни сарадник
29. Др Распор Мартин – истраживач – звање научни сарадник
30. Др Матекало Драгана – истраживач – звање научни сарадник
31. Др Несторовић Живковић Јасмина – истраживач – звање научни сарадник
32. Др Бањанац Тијана – истраживач – звање научни сарадник
33. Др Ћосић Татјана – истраживач – звање научни сарадник
34. Др Скорић Маријана – истраживач – звање научни сарадник
35. Др Петровић Јована – истраживач – звање научни сарадник
36. Др Милојевић Јелена – истраживач – звање научни сарадник
37. Др Тубић Љиљана – истраживач – звање научни сарадник
38. Др Драгићевић Милан – истраживач – звање научни сарадник
39. Др Богдановић Милица – истраживач – звање научни сарадник
40. Др Николић Милош – истраживач – звање научни сарадник
41. Др Деврња Нина – истраживач – звање научни сарадник
42. Антонић Драгана – асистент – звање истраживач сарадник
43. Др Милутиновић Милица – млађи истраживач – звање истраживач сарадник
44. Др Пантелић Данијел – млађи истраживач – звање истраживач сарадник
45. Трајковић Милена – асистент – звање истраживач сарадник

46. Др Станишић Мариана – млађи истраживач – звање истраживач сарадник
47. Божуновић Јелена –асистент – звање истраживач сарадник
48. Др Иванов Марија – млађи истраживач – звање истраживач сарадник
49. Аничич Неда –асистент – звање истраживач сарадник
50. Пауновић Данијела –асистент – звање истраживач сарадник
51. Костић Марина –асистент – звање истраживач сарадник
52. Ђурић Марија –млађи асистент – звање истраживач приправник
53. Милић Маја –млађи асистент – звање истраживач приправник
54. Рудић Јелена – млађи асистент – звање истраживач приправник
55. Стојковић Дејан – млађи асистент – звање истраживач приправник
56. Ступар Софија –млађи асистент – звање истраживач приправник
57. Сања Шајкунић –млађи асистент – звање истраживач приправник
58. Лука Петровић–млађи асистент – звање истраживач приправник
59. Ghalawnji Nabil – стручни саветник

ОДЕЉЕЊЕ ЗА ФИЗИОЛОГИЈУ И БИОХЕМИЈУ ИНСЕКТА

1. Др Перић-Матаруга Весна – руководилац одељења – звање научни саветник
2. Др Лазаревић Јелица – истраживач саветник – звање научни саветник
4. Др Мрдаковић Марија – виши истраживач – звање виши научни сарадник
5. Др Илијин Лариса – виши истраживач – звање виши научни сарадник
6. Др Влаховић Милена – виши истраживач – звање виши научни сарадник

7. Др Тодоровић Дајана – виши истраживач – звање виши научни сарадник
3. Др Јанковић – Томанић Милена – истраживач – звање научни сарадник
8. Др Матић Драгана – истраживач – звање научни сарадник
9. Грчић Ања –асистент – звање истраживач сарадник
10. Филиповић Александра –асистент – звање истраживач сарадник

АДМИНИСТРАТИВНО ПРАВНА СЛУЖБА

1. Саватовић Јасенка - руководилац службе
2. Арбутина Ана – технички секретар
3. Милковић Сања – административни референт
4. Јовицки Владимир – организатор ИТ и рачунарских послова
5. Наумовић Тања – стручни сарадник за правне послове
6. Јанковић Зорица –библиотекар
7. Терзић Милена – стручни сарадник за правне послове
8. Влаховић Богољуб – техничар за одржавање ИТ и телекомуникационе опреме
9. Кошутић Лидија – архивар

РАЧУНОВОДСТВЕНО ФИНАНСИЈСКА СЛУЖБА

1. Ђорђевић Милица – руководилац службе
2. Рафески Љиљана – књиговођа аналитичар
3. Ђокановић Вера – референт обрачунских послова

4. Јоксимовић Славица – књиговођа главне књиге
5. Буцало Ненад –аналитичар за послове јавних набавки
6. Саватовић Јован –ликвидатор материјалних и финансијских послова
7. Орбовић Наташа – ликвидатор материјално финансијских послова

ТЕХНИЧКА СЛУЖБА

1. Јевтовић Југослав - руководиоца службе
2. Ђура Горан – организатор ветеринарске заштите
3. Стојковић Снежана – хигијеничар
4. Ђорђевић Драгана – помоћник одгајивач животиња
5. Милев Рашко – чувар – радник обезбеђења
6. Самарџија Слободан – чувар – радник обезбеђења
7. Миков Милко – чувар – радник обезбеђења
8. Туцовић Вера – организатор ветеринарске заштите
9. Зеџ Милена – помоћник одгајивач животиња
10. Ћатић Гордана – помоћник одгајивача животиња
11. Алемпијевић Горан – техничар одржавања електроинсталација
12. Алемпијевић Александар – техничар одржавања термоенергетских уређаја
13. Ђокић Јасмина – хигијеничар
14. Петковић Јованка – хигијеничар
15. Павловић Миланка – хигијеничар

16. Пецикоза Сретен – мајстор за техничко одржавање зграде

17. Миленковић Снежана – хигијеничар

18. Ђорђевић Зоран – физички радник

19. Новаковић Магдалена – хигијеничар

6. Докторске дисертације у периоду 2016-2019. године

др Николић Марина “Метаболичке карактеристике синдрома полицистичних јајника у висцералном масном ткиву и лептинска резистенција у хипоталамусу пацова третираног 5 α -дихидротестостероном: улога глукокортикостероида”, 26. 2. 2016.

др Ива Божић “Антиинфламаторна и антиоксидативна својства бенфотиамина у активираној линији микроглијских ћелија миша: улога проинфламаторних сигналних путева”, 1. 3. 2016.

др Јелена Томовић “Екологија, биодиверзитет и конзервација слатководних шкољки фамилије Unionidae у Србији” 17. 3. 2016.

др Александра Патенковић “Ефекат електромагнетног поља (50 Hz, 0,25 mT) на компоненте адаптивне вредности и морфометрију крила код *Drosophila subobscura* Collin, 1936 (Insecta, Diptera)”, 3. 6. 2016.

др Љиљана Тубић “Морфогенеза и регенерација биљака шалота (*Allium ascalonicum* L.) и влашца (*A. schoenoprasum* L.) *in vitro*”, 7. 6. 2016.

др Урош Савковић “Улога фенотипске пластичности особина животне историје и понашања у процесима специјације *Acanthoscelides obtectus*”, 23. 9. 2016.

др Марија Танасковић “Синергистички ефекат геномског и срединског стреса у две популације *Drosophila subobscura*”, 27. 9. 2016.

др Марко Прокић “Параметри антиоксидационог система у ткивима жаба *Pelophylax esculentus* комплекса као биомаркери излагања металима”, 10. 11. 2016.

др Марина Нинков “Интестинални и системски имунски ефекти оралног уноса кадмијума код пацова”, 25. 11. 2016.

др Бојана Тубић “Тестирање различитих метода узорковања макробескичмењака у воденим екосистемима и могућности стандардизације”, 23. 12. 2016.

др Тијана Бањанац “Физиолошки и молекуларно-генетички показатељи међуврсне хибридизације у оквиру рода *Centaureum* Hill (Gentianaceae)”, 27. 12. 2016.

др Милица Вујичић “Утицај воденог, метанолног и етил-ацетатног екстракта грчког оригана *Origanum vulgare* ssp. *hirtum* на дијабетес тип 1 индукован вишеструким малим дозама стрептозотоцина код C57BL/6 мишева”, 28. 12. 2016.

др Соња Стојковић Бурић “Модел ћелија Ц6 глиома пацова као оруђе за проналажење нових терапеутских стратегија: карактеризација резистентног фенотипа *in vitro* и *in vivo*”, 9. 2. 2017.

др Маргарета Крачун-Коларевић “Примена акватичних олигохета (*Tubificidae*) у *in situ* и *ex situ* екогенотоксиколошким истраживањима”, 10. 2. 2017.

др Мирко Ђорђевић “Еволуција старења код лабораторијских популација *Acanthoscelides obtectus*: улога митохондрија и оксидативног стреса”, 13. 2. 2017.

др Урош Живковић “Фенотипска пластичност екофизиолошких, морфолошких и фенолошких особина *Iris variegata* L. (*Iridaceae*) и диференцијација генотипова пореклом из станишта са различитим светлосним карактеристикама”, 11. 4. 2017.

др Јелена Ћирић “Рани електрофизиолошки знаци поремећаја спавања и моторне контроле у старењу пацова са неуродегенерацијом холинергичких неурона”, 7. 6. 2017.

др Ања Петровић “Улога HMGB1 протеина у модификацији и интеграцији сигналних путева апоптозе и аутофагије у ћелијама јетре пацова са индукованим дијабетесом”, 27. 9. 2017.

др Катарина Лазић “Утицај опште анестезије на спавање у експерименталном моделу холинергичке неуропатологије Паркинсонове болести - могући ризици постоперативног опоравка”, 26. 9. 2017.

др Сања Ковачевић “Развој метаболичког синдрома изазваног комбинацијом стреса и исхране обогаћене фруктозом - допринос глукокортикоида у висцералном масном ткиву и хипоталамусу женке пацова”, 26. 9. 2017.

др Нина Деврња “*In vitro* пропација и биолошка активност етарског уља и метанолних екстраката повратича (*Tanacetum vulgare* L.)”, 27. 9. 2017.

др Марко Анђелковић “Морфолошка варијабилност кинетичког главеног скелета и пилеуса змија из рода *Natrix* (*N. natrix* и *N. tessellata*)”, 19. 10. 2017.

др Марко Милер ”Утицај цитрусних флаванона на тироидну хомеостазу и липидни статус старих пацова”, 31. 10. 2017.

Др Божица Васиљевић ”Бентосне силикатне алге (Bacillariophyta) у процени еколошког статуса река Велике Мораве и Саве”, 26. 12. 2017.

др Маја Ајдуковић ”Морфолошка варијабилност, еволуција и развиће кичменице код великих мрмољака (*Triturus*, Salamandridae, Caudata)”, 17. 5. 2018.

др Драгана Матић “Потенцијална улога губара (*Lymantria dispar*, L.) као биоиндикатора загађености животне средине: утицај хроничног излагања кадмијуму на развиће, активности дигестивних ензима средњег црева, механизме детоксификације и степен оштећења ДНК”, 7. 6. 2018.

др Бојан Јевтић “Утицај различитих екстраката краставца (*Cucumis sativus* L. cv. Chinese long) на енцефалитогени потенцијал Т лимфоцита пацова у експерименталном аутоимунском енцефаломијелитису”, 4. 7. 2018.

др Сузана Станисављевић “Улога микробиоте и лимфног ткива црева у отпорности пацова соја Албино Оксфорд на индукцију експерименталног аутоимунског енцефаломијелитиса”, 10. 7. 2018.

др Јована Петровић “Биолошки потенцијал и анализа метаболита јестивих и лековитих гљива из родова *Agrocybe*, *Laetiporus*, *Pleurotus* и *Polyporus* са територије Србије”, 10. 7. 2018.

др Софија Јовановић Стојанов “Карактеризација структуре и функције НМGB1 протеина у јетри пацова током експериментално изазваног дијабетеса типа 1”, 10. 7. 2018.

др Драгана Павловић “Хемизам потенцијално токсичних елемената у земљишту и њихов утицај на функционисање врста *Betula pendula* Roth., *Acer pseudoplatanus* L. и *Acer platanoides* L. у урбаним срединама неколико индустријских центара у Србији”, 21. 9. 2018.

др Жељко Павковић “Ефекти анестезије индуковане пропофолом на синаптичку пластичност, активност допаминског система и понашање јувенилних пацова”, 21. 9. 2018.

др Марија Павловић “Екофизиолошке адаптације врста *Pinus nigra* Arn., *Aesculus hippocastanum* L. и *Platanus acerifolia* (Ait.) Willd. у урбаним срединама са различитим изворима загађења”, 24. 9. 2018.

др Вера Видаковић “Садржај диарилхептаноида у кори црне (*Alnus glutinosa* (L.) Gaertn.) и сиве јове (*Alnus incana* (L.) Moench) као индикатор таксономске и популационе варијабилности”, 26. 9. 2018.

др Миодраг Драгој “Ефекти инхибиције СНСР4 рецептора и фокалне адхезионе киназе у супресији инвазије и превазилажењу резистенције код неситноћелијског карцинома плућа”, 9. 10. 2018.

др Мариана Станишић ”Алелопатски потенцијал секундарних метаболита трансформисаних коренова јабуке - ефекат флоретина и флоризина у култури *in vitro*”, 6. 2. 2019.

др Сања Будечевић “Морфолошко варирање, фенотипска пластичност и флукутирајућа асиметрија облика цветних органа код *Iris pumila* L.”, 7. 2. 2019.

др Данијел Пантелић “Елонгациони фактор транслације 1А код кромпира (*Solanum tuberosum* L.): карактеризација изоформи, експресија и улога у одговору биљака на топлотни стрес”, 19. 2. 2019.

др Марија Рајичић “Молекуларна структура, порекло и функција Б хромозома код жутогрлог шумског миша *Apodemus flavicollis* (Mammalia, Rodentia)”, 28. 6. 2019.

др Смиља Годоровић “Утицај дуготрајне дијеталне рестрикције на инсулински сигнални пут у мозгу пацова током старења”, 1. 7. 2019.

др Неда Ђедовић “Механизми антиенцефалитогеног дејства етил-пирувата у експерименталном аутоимунском енцефаломијелитису”, 19. 7. 2019.

др Теодора Видоња Узелац “Ефекат ибобаина на систем антиоксидативне заштите у периферним ткивима и контрактилност терминалног илеума код мужјака пацова”, 18. 9. 2019.

др Ања Толић “Функционална анализа интеракција ТЕТ-посредоване оксидације 5-метилцитозина и PARP-зависне ADP-рибозилације у процесу деметилације ДНК”, 25. 9. 2019.

др Милош Ђорђевић “Молекуларни механизми антиоксидативног дејства екстракта кичице (*Centaureum erythraea* Rafn) у експерименталном моделу дијабетеса пацова”, 27. 9. 2019.

др Марија Иванов “Механизми деловања одабраних флавоноида, терпена и нитратних естара хетероцикличних једињења на изолате *Candida albicans* из усне дупље човека”, 30. 9. 2019.

др Милица Милутиновић “Функционална карактеризација EML (EMSY-like) протеина као читача хистонских модификација са улогом у регулацији развића семена код *Arabidopsis thaliana* (L.) Heynh”, 3. 10. 2019.

др Катарина Јовичић “Дистрибуција различитих полутаната у ткивима пет комерцијалних врста риба из Дунава код Београда”, 6. 12. 2019.

др Ивана Будински “Генетичка структура популација средоземног потковичара *Rhinolophus euryale* Blasius, 1853 у Србији и филогеографија ове врсте на Балканском полуострву”, 27. 12. 2019.

7. Библиографија сарадника ИБИСС-а у периоду 2016-2019. године

2016. година

Монографска студија/поглавље у истакнутој монографији међународног значаја:

1. Marković T, Nikolić M, Glamočlija J, Ćirić A, Emerald M, Radanović D, Zheljazkov V, Soković M. Essential Oils for the Prevention and Treatment of Human Opportunistic Fungal Diseases. In: Valtcho D. J (Zheljazkov), Charles L. C, editors. Medicinal and Aromatic Crops: Production, Phytochemistry, and Utilization. Washington, D.C.: American Chemical Society; 2016. p. 247–77.
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8. Pergal MV, Balaban M, Nestorov J, Tovilović-Kovačević G. Synthesis, characterization and applications of thermoplastic polyurethane elastomers. In: Hope FL, editor. *Polyurethanes: Properties, Uses and Prospects*. New York: Nova Science Publishers, Inc.; 2016. p. 17–90.
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10. Aborgiba M, Kostić J, Kolarević S, Kračun-Kolarević M, Elbahi S, Knežević-Vukčević J, Lenhardt M, Paunović M, Gačić Z, Vuković-Gačić B. Flooding modifies the genotoxic effects of pollution on a worm, a mussel and two fish species from the Sava River. *Sci Total Environ*. 2016;540:358–67.
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