PROFESOR IVAN BERKEŠ: ŽIVOT I DELO
LAUREATI FONDA: GDE SU I ŠTA RADE

SCIENTIFIC FOUNDATION „PROFESSOR IVAN BERKEŠ”
FOUNDATION LAUREATS: WHERE THEY ARE AND WHAT THEY DO
Prof. Dr. Nada T. Majkić-Singh was born in Yugoslavia (Majkić Japra, Bosnia and Herzegovina) in 1947, graduated from the Faculty of Pharmacy of the University of Belgrade in 1969, gaining the MS degree in Medical Biochemistry in 1972, and Ph.D. degree in 1974. She began her professional career at the Faculty of Pharmacy as Associate in Medical Biochemistry, keeping the post from 1971 till 1978, while during the period 1978-84 she was an Associate Professor. Since 1984 she has been Professor in Medical Biochemistry, Clinical Chemistry and Clinical Enzymology, and from 1984

Dr. Snežana Jovičić, specialist in medical biochemistry, EuSpLM, was born in Belgrade in 1976. She graduated at the Faculty of Pharmacy, University of Belgrade in 2002, where she also completed her specialist studies in medical biochemistry in 2011, and her Ph.D. in 2013. Immediately after graduation, she started her internship at the Institute of Medical Biochemistry, Clinical Centre of Serbia, where she works still, from 2012 at the position of the Head of the Department at the Clinic for Cardiac Surgery. From 2008 she is engaged as the part time Teaching Assistant at the
till 1995 she was the Director of the Department of the Medical Biochemistry at the Faculty of Pharmacy. She was a Director of the Institute of Medical Biochemistry at the Clinical Centre of Serbia since 1986 to 2012. In the period of 1997 to 2001 she was the first President of Pharmaceutical Chamber, and from 2006 to 2014 she was President of the Chamber of Biochemists of Serbia. Now she is Executive Director of the Society of Medical Biochemists of Serbia. Professor Majkić-Singh is the author of four hundred and fifty scientific papers and twenty books. She is a member of many Associations for Clinical Biochemistry and Scientific Society of Serbia. Since 1988, she has been President of the Society of Medical Biochemists of Yugoslavia (now Society of Medical Biochemists of Serbia) and Editor in Chief of the Society Journal Yugoslav Medical Biochemistry (now Journal of Medical Biochemistry). During her long and dedicated career, Professor Majkić-Singh has been awarded by the Union of the Pharmaceutical Societies of Yugoslavia (1988), the Society of Medical Biochemists of Yugoslavia and Serbia (1995, 2015), United Association of Serbia for Quality (2010) and Greek Society for activities in Balkan Region (2017).

Dr. Snežana Jovičić is an active member of the Society of Medical Biochemists of Serbia, where she acts as the member of the Executive Board. From 2011 she was the Managing Editor, and from 2020 she is the Co-editor of the Journal of Medical Biochemistry, the official journal of the Society of Medical Biochemists of Serbia. Dr. Snežana Jovičić is the Chair of the EFLM Patient Focused Laboratory Medicine Working Group, and the Corresponding Member of the Working Group Register. She is also the Liaison member from the Society of Medical Biochemists of Serbia in the IFCC eNewsletter Working Group.
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Profesor Ivan BERKEŠ, značajna ličnost u oblasti farmacije i medicine, utemeljivač je medicinske biohemije i kliničke enzimologije u zdravstvu Srbije i Jugoslavije. Dugogodišnjom naučnom i stručnom aktivnošću Prof. dr Ivan Berkeš je doprineo da se u srpskoj medicini i farmaciji utemelji medicinska biohemija kao savremena dijagnostička grana, pri čemu je Profesor Ivan Berkeš svojim studentima, specijalizantima i posle diplomcima uvek nesebično prenosio svoja ogromna znanja.


Ceneći delo svog učitelja i eminentnog stručnjaka Prof. dr Ivana Berkeša, Društvo medicinskih biohemičara Jugoslavije (današnje Društvo medicinskih biohemičara Srbije) i Farmaceutski fakultet Univerziteta iz Beo-

"Tko čini dobro, od njega se još više dobra očekuje"

Ivo Andrić
Naučni fond „Profesor Ivan Berkeš” i ustanovili „Godišnju naučnu konferenciju” koju posvećuju životu i delu Profesora Ivana Berkeša. Naučni fond je formiran na predlog Prof. dr Nade Majkić-Singh, koja je i dugogodišnji organizator Godišnjih naučnih konferencija. Počevši od 1998. godine na Naučnim konferencijama prikazuju se magistarske i doktorske teze iz naučne oblasti medicinske biohemije i iz srodnih disciplina u toku prošle godine.

Svrha Naučnog fonda je dodela novčane nagrade i diplome najboljim studentima Farmaceutskog fakulteta, oba profila studija (diplirani farmaceut medicinski biohemičar i diplomirani farmaceut; sada: magistar farmacije medicinski biohemičar i magistar farmacije), koji su najkraće studirali i diplomirali sa najvišom prosečnom ocenom u prethodnoj školskoj godini. Do sada su održane 22 Naučne godišnje konferencije na kojima je 48 laureata primilo Diplome i novčane nagrade Fonda, čije biografije su prikazane u ovoj monografiji. Društvo medicinskih biohemičara koristi priliku da im još jednom čestita na postignutim uspescima u oblasti medicinske biohemije i farmacije.

U Beogradu, 19. 10. 2020. godine

Prof. dr Nada Majkić-Singh
Professor Ivan BERKEŠ, a significant figure in the field of pharmacy and medicine, is the founder of medical biochemistry and clinical enzymology in the health care system of Serbia and Yugoslavia. Through many years of scientific and professional activity, Professor Dr. Ivan Berkeš contributed to establishing medical biochemistry in Serbian medicine and pharmacy as a modern diagnostic branch, selflessly passing on his vast knowledge to his students, residents, and postgraduates.

Under his leadership, generations of medical biochemists were educated at the Faculty of Pharmacy in Belgrade. For a long time, there was no single laboratory in Serbia without a student of Professor Berkeš working in it. Professor Berkeš founded medical biochemistry and established it as a scientific and health discipline in Serbia. His work will remain permanently alive through these and future generations of medical biochemists, who are immensely grateful to him for that and will remember him with respect and love. For us, his students and followers, Professor Berkeš was a professor, a teacher, a father, and a friend at the same time. He taught us the secrets and skills of medical biochemistry, but also the truths of life. He appreciated and supported versatile individuals, courage, and determination of young people. He tried to influence the development of the research spirit in his students. We loved listening to his lectures because of the illustrative approach to challenging matter. We all remember his witty remarks recorded in the texts of our masters and doctoral theses as well as specialist papers. We never made the same mistakes again. He always supported us to strive for the truth, but also to reach out for the impossible.

Professor Berkeš was a versatile individual; he loved music, painted, spoke five world languages, and to be acquainted with history and philosophy. He practiced philately for many years. He was a role model to his students in every way. We secretly wanted to be at least partially as charismatic as he was. We appreciated, respected, and honored him. This feeling shall remain permanently in us.

Appreciating the work of their teacher and a renowned expert Professor Dr. Ivan Berkeš, the Society of Medical Biochemists of Yugoslavia (now the Society of Medical Biochemists of Serbia) and the Faculty of Pharmacy, University of Belgrade, created the Scientific Foundation „Professor Ivan Berkeš” in 1997 and established the „Annual Scientific Conference” dedicated to the life and work of Professor Ivan Berkeš. The

FOREWORD
Scientific Foundation was established on the proposal of the Professor Dr. Nada Majkić-Singh, also a long-term organizer of the Annual Scientific Conferences. Beginning in 1998, Scientific Conferences have been presenting masters and doctoral theses of members of the Society and related disciplines during the previous year.

The purpose of the **Scientific Foundation** is to award monetary awards and diplomas to the best graduates of the Faculty of Pharmacy in the previous year, of both study profiles (graduate pharmacist-medical biochemist and graduate pharmacist; now: master of pharmacy-medical biochemist and master of pharmacy), who were the quickest to graduate and with the highest average grade. So far, twenty-two Scientific Annual Conferences have been held, with forty-eight laureates of the Fund who were awarded diplomas and monetary awards, with their biographies presented in this monograph. On this occasion, the Society of Medical Biochemists congratulates them once again on their achievements in the field of medical biochemistry and pharmacy.

Belgrade, October 19, 2020

Professor Dr. Nada Majkić-Singh
PROFESSOR IVAN BERKEŠ: LIFE AND WORK

Professor Ivan BERKEŠ, an important figure in the field of pharmacy and medicine, was the founder of medical biochemistry and clinical enzymology in the health care of Serbia and Yugoslavia. Under his guidance, many generations of medical biochemists were educated at the Faculty of Pharmacy in Belgrade, and for a long time there was no laboratory in Serbia that did not employ one of Professor Berkeš’s students. Professor Berkeš founded Serbian medical biochemistry and established it as a scientific and health discipline. His work will live on through these and the future generations of medical biochemists, who remain eternally grateful and promise to honor his memory with love and respect.

Prof. Dr. Ivan BERKEŠ was born on November 13th, 1910, in Bjelovar, where he was educated at the Classical Gymnasium (studying Latin and German for 8, and Greek for 6 years). In 1933 he graduated from the Department of Pharmacy of the Faculty of Philosophy in Zagreb. It should be mentioned that he completed his internship at the Pharmacy of Stanislav Ilakovac in Zagreb, having taken the following classes during the course of his studies: Physics with Prof. Hondl, Botany with Prof. Vouk, Chemistry with Prof. Bubanović, Pharmacognosia with Prof. Vrgoč, Pharmaceutical Chemistry with Prof. Flumiani and Pharmaceutical Technology with Prof. Benzingera. In 1936 Ivan Berkeš also graduated from the 7th group of Chemistry (a. Chemistry, b. Experimental Physics, c. Physical Chemistry, Higher Mathematics, Mineralogy and Botany) at the Faculty of Philosophy in Zagreb.

During 1937, he completed his military service in Niš, Prizren and Zagreb.

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PROFESOR IVAN BERKEŠ: ŽIVOT I DELO

Profesor Ivan BERKEŠ, značajna ličnost u oblasti farmacije i medicine, utemeljivač je medicinske biohemije i kliničke enzimologije u zdravstvu Srbije i Jugoslavije. Pod njegovim rukovodstvom na Farmaceutskom fakultetu u Beogradu školovale su se generacije medicinskih biohemičara tako da u dugom periodu u Srbiji nije bilo ni jedne laboratorije, a da u njoj nije radio đak Profesora Berkeša. Profesor Berkeš osnovao je medicinsku biohemiju i utemeljio je kao naučnu i zdravstvenu disciplinu u Srbiji. Njegovo delo ostaje trajno da živi kroz ove i buduće generacije medicinskih biohemičara, koji su mu na tome neizmerno zahvalni i sećaće ga se sa izrazima poštovanja i ljubavi.

Prof. dr Ivan BERKEŠ rođen je 13. XI 1910. godine u Bjelovaru gde je završio klasičnu gimnaziju (latinski i nemački 8 godina, 6 godina grčki). Na Farmaceutskom odseku Filozofskog fakulteta u Zagrebu diplomirao je 1933. godine. Treba pomenuti da je Ivan Berkeš završio praksu u apoteci kod Stanislava Ilakovca u Zagrebu, a u toku studija slušao je sledeće predmete: fiziku kod Prof. Hondla, botaniku kod Prof. Vouka, hemiju kod Prof. Bubanovića, farmakognoziju kod Prof. Vrgoča, farmaceutsku hemiju kod Prof. Flumiani i farmaceutsku tehnologiju kod Prof. Benzingera. 1936. godine Ivan Berkeš diplomirao je i 7. grupu hemije (a. hemija, b. eksperimentalna fizika, c. fizička hemija, viša matematika, mineralogija i botanika) na Filozofskom fakultetu u Zagrebu.

1937. godine odslužio je vojni rok u Nišu, Prizrenu i Zagrebu.
Doktorat filozofije (struka hemija) stekao je 1939. godine na Univerzitetu u Zagrebu. Iste godine izabran je za asistenta Hemijskog zavoda Medicinskog fakulteta, čiji je upravnik bio Profesor F. Bubanović.

Dve godine nakon sticanja doktorata, 1941. godine, na prostoru tadašnje Kraljevine Jugoslavije počeo je Drugi svetski rat. Dr Ivan Berkeš tada biva otpušten iz službe u Hemijskom institutu, nakon čega je jedno vreme živeo u Crkvenici. Naredne 1942. godine interniran je u koncentracioni logor u Kraljevici gde je, u lošim uslovima i sa slabom ishranom proveo naredne mesece. Pod teškim životnim uslovima, u logoru je iz dana u dan rastao broj obolelih i, iako su u tu svrhu u bolnici u ovom logoru radila tri lekara, obolelima se nije posvećivala velika pažnja. Ipak, zatvorenici su tada organizovali svoju apoteku snabdevenu sanitetskim materijalom i lekovima koje su uspevali da nabave od italijanskih vojnika i uz pomoć veza sa apotekarima u Rijeci. Jedan od tri apotekara koji su radili u toj apoteci bio je i dr Ivan Berkeš i time je, svojim znanjem iz farmacije, poma gao obolelima u ovom logoru. Dodatno, u logoru su kulturni i prosvetni radnici nastojali da organizuju škole i kulturni život, pa je tako i ovde dr Ivan Berkeš dao svoj doprinos – formirao je marionetsko pozorište za decu. Sredinom 1943. godine italijanska komanda je odlučila da se zarobljenici u Kraljevici prebace na Rab, pa je dr Ivan Berkeš tada prebačen u logor na Rabu, što se kasnije pokazalo kao spasenosno imajući u vidu da su prebacivanjem na Rab zatvorenici logora u Kraljevici izbegli prvi nalet nemačkih trupa i odvođenje u logore smrti. Nakon kapitulacije Italije 8.

Ivan Berkeš obtained a doctorate in philosophy (namely, chemistry) in 1939 at the University in Zagreb. That same year, he was elected as an assistant at the Chemical Institute of the Faculty of Medicine, whose head at the time was Professor F. Bubanović.

In 1941, two years after Berkeš obtained his doctorate, the Second World War began in the former Kingdom of Yugoslavia. He was then dismissed from the Chemical Institute and lived in Crkvenica for a while. The following year, 1942, he was interned in the concentration camp in Kraljevica, where he spent the following months in poor conditions and poor nutrition. With difficult living conditions, the number of patients in the camp grew day by day and, although three doctors worked in the camp hospital for that purpose, not much attention was paid to the patients. However, the prisoners organized their own pharmacy, with medical supplies and medicines they managed to procure from Italian soldiers and through their connections with pharmacists in Rijeka. One of the three pharmacists who worked in that pharmacy was Dr. Ivan Berkeš. Not only did he help the sick in the camp with his knowledge of pharmacy, but he also contributed to the organization of cultural life and schools in the camp together with other educational workers by organizing a puppet theater for children. In the middle of 1943, the Italian command decided to transfer the prisoners from Kraljevica to Rab, including Dr. Ivan Berkeš. It later proved to be life-saving, bearing in mind that the prisoners of the Kraljevica camp who were transferred to the island Rab escaped the first raid of German troops and deportation to death
septembra 1943. godine zarobljenici u logoru na Rabu su oslobodeni i dr Ivan Berkeš je tada postao aktivan učesnik NOR-a, sve do kraja rata 1945. godine.


Tamo se pod uticajem prof. Tutundžića upoznao sa potenciometrijom i amperometrijom, a potom je u narednim godinama postavio i osnove za uvođenje elektroforeze kao tehnike u rutinsku praksu u kliničkim laboratorijama. Naime, u to vreme su dva naučnika, Vunderli i Kuhraman popularisali tehniku slobodne elektroforeze po Tiseliusu, međutim, materijalni razlozi, ali i velika i glomazna aparatura onemogućavala je da se ona koristi u rutinskoj praksi kliničkih laboratorija. Tada je dr Ivan Berkeš dao nekoliko metodoloških rešenja papirne elektroforeze, a prva publikacija na ovu temu je objavljena 1950. godine u „Liječničkom vjesniku“. Zbog svega ovoga, danas Profesora Berkeša smatramo jednim od prvih istraživača u tom polju ne samo na našim prostorima, već i u svetu, a njegove publikacije su citirane u skoro svim monografijama sa ovom problematikom, kao i u nizu kliničkih radova. O samoj velikoj prijenljivosti ove metodologije govori i činjenica da se aparati tog tipa još uvek nalaze u nekim beogradskim laboratorijama, a osim toga brojni publikovani camps. After the capitulation of Italy on September 8, 1943, the prisoners in the camp on Rab were released. From 1943 to 1945 he was actively involved in the National Liberation War.

After the war, between 1945 and 1947 Dr Ivan Berkeš held various functions at the state Institute of Chemical-Pharmaceutical Production in Belgrade, serving as the assistant director and later director of this Institute. In the period of 1947–1948 he worked as a scientific advisor for the Reparation Committee in Budapest, after which he rejoined the staff of the Institute of Chemistry of the Faculty of Medicine in Zagreb, where he worked until 1953.

There, under the influence of Professor Tutundžić, he got familiar with potentiometry and amperometry, and then in the following years, he laid the foundations for the introduction of electrophoresis as a technique in the routine practice in clinical laboratories. Namely, at that time, two scientists, Vunderli and Kuhraman, popularized the technique of free-flow electrophoresis by Tiselius. However, financial reasons and large and bulky equipment made it impossible to use it in the routine practice of clinical laboratories. At that time, Dr. Ivan Berkeš provided several methodological solutions to paper electrophoresis, and the first publication on this topic was published in 1950 in „Liječnički Vjesnik.“ Because of all this, today, we consider Professor Berkeš to be one of the first researchers in this field not only in our region but also in the world. His publications have been cited in almost all monographs on this issue and a number of clinical papers. The great applicability of this methodology is
radovi govore o primeni elektroforeze kod jetrenih oboljenja, mijeloma, transudata, eksudata i imunoloških reakcija, i u studiji nefrotskog sindroma kod dece u kojoj je kao diferencijalno-dijagnostička metoda pred- leženo određivanje statusa elektroforezom nekoncentrovanog urina i seruma uporedo.

On je prema tome bio jedan od prvih istraživača na tom polju u svetu, pa su njegove publikacije citirane u skoro svim monografijama koje su se bavile ovom problematikom (Block-Durrum, Antwiler, Hais-Macek, Michael Lederer, Ribeiro i sar., Mc Donald), kao i u nizu kliničkih radova. evidenced by the fact that devices of this type can still be found in some Belgrade laboratories. Besides, numerous published papers tell of the use of electrophoresis in liver diseases, myeloma, transudates, exudates, and immune reactions, and in the study of nephrotic syndrome in children where the determination of the status by electrophoresis of both unconcentrated urine and serum was proposed as a differential diagnostic method.

Thus he became one of the first investigators in this field in the world, and his publications were cited in nearly every monograph dealing with this topic (Block-Durrum, Antwiler, Hais-
Dr. Berkeš remained in Zagreb until 1953 when he began working at the Medical Faculty in Skopje, and in 1954 he was elected associate professor, the first director of the newly formed Institute of Biochemistry and became the first head of the Department of Biochemistry at the Medical Faculty in Skopje.

Professor Berkeš is credited for the differentiation of clinical and physiological biochemistry from basic biochemistry, which later became the model applied in the entire SFR Yugoslavia. He was also the author of the first textbooks for theoretical and practical teaching.

At the same time, Professor Berkeš dedicated his scientific work to examining the purity of insulin and its dissociations to protomers. Subsequent publications proved a particular and non-specific influence of proteins, particularly insulin, on membrane transport. Hence the preoccupation of Professor Berkeš for the composition and structure of membranes and the mechanism of transport, which he dealt with extensively in the following years.

In 1960 Dr. Ivan Berkeš joined the Institute of Biochemistry of the Faculty of Pharmacy in Belgrade. He was elected Senior Professor of Medical Biochemistry in 1964, and remained at this faculty, as a long-term director of the Biochemistry Institute, until his retirement in 1978.

Dr. Ivan Berkeš was introduced into the scientific work of the Faculty by Professor Bubanović’s assistants, with whom he was friends since his third years of studies when he was appointed class demonstrator. Among the
Доајени

Иван БЕРКЕШ,
Професор и основоположник на Институтот за биохемија при Медицинскиот факулtet во Скопје

„Секој кој ќе израснува да учи е сидар, без разлика га ли на возрастот од 20 или 80 години. Секој кој ќе формира да учи, осигурива млад. Напредување нешто во животот е да се завршише умом млад“ - Хенри Форд

Д-р Иван Беркеш е роден во Бујновар, Хрватска, на 13.11.1910 г. Дипломирал на Фармацевтичкото факултет во Загреб во 1933 г. и потоа завршил и студии по хемија во 1936 г. во Загреб. Во 1939 г. одбранил докторска дисертација од областа на хемија во Загреб и бил избран за асистент во Институтот за хемија при Медицинскиот факултет (МФ) во Загреб. Подоцна бил именуван за директор и раководел со Институтот за хемија при МФ-Загреб до 1953 г.


Проф. д-р Иван Беркеш починал во Белград на 24.3.1997 г., на возраст од 86 години, а неговата сопруга Периса починала на 22.2.2001 г. на 80 години. Погребот го организирал и извршил нивниот син Игор Беркеш во Белград.

Профеонален развоj, стручна и наставно-сукцесивна дејност
Па завршени студии по фармиција (1933) и хемија (1936) во Загреб, одбранил докторска дисертација од областа на хемија во Филозофското факултет во Загреб, во 1939 г., и бил избран за асистент во Институтот за хемија кад познае поствоjан доаен на медицинската хемија, проф. Фран Бубашевиќ. Подоцна бил именуван за директор и раководел со Институтот за хемија при МФ-Загреб до 1953 г. За време на вонешни учесник во НОБ и бил интерниран во логор на островот Раб.

На МФ-Скопје дошол во 1954 г. кога бил избран во звање впонреден професор по биохемија и бил назначен за прв директор на новоформираната само-стоена Институт за биохемија, како и прв раководел на Катедрата за биохемија при МФ-Скопје.

Посебна заслуга на проф. И. Беркеш е диференцирање на клиничката и физиохемијата на биохемијата од фундаменталната биохемија што тој ја создал како модел за цела СФР Југославија.

Како наставник проф. И. Беркеш ја реорганизирал теоретската настава и новел модерна настава по биохемија со ориентација кон базичната биохемија. Тој ги напишал правилни структури за теоретското и практичното настава на биохемијата за студентите од втора година на медицина.

Проф. И. Беркеш ја организирал и изведува наставата по предметот биохемија на МФ-Скопје до 1960 г., кога ја продолжил карирата на Фармацевтичкото факултет во Белград како редовен професор и шеф на Катедрата по биохемија до неговото пензионирање во 1978 г. Тој бил наставник 6 години во Скопје и 18 години во Белград. За време на неговата академска активност над 200 доктори и други профили стручници во Македонија и Србија, под негово менторство и водство, станале биохемичари кои специјализирале во различни потесни области на биохемијата. И по заминувањето од МФ-Скопје новечки фармацети и други профили на кадри одземали докторски дисертации кад проф. И. Беркеш на Универзитетот во Белград.

Иницијатор, организатор и стручно-општествена активност
На почетокот, по основањето на Институтот за хемија и биохемија при МФ-Скопје во 1947 г., тој бил сместен во Барачка хартија. Кога зградата на институтите на МФ-Скопје била завршена во 1948 г., Институтот за хемија и биохемија бил преместен во нови простории на првото кatu. Институтот за биохемија бил интегриран и функционирал во рамките на Институтот за хемија, а теоретската настава и по предметот биохемија ја одржувал професорот по хемија, проф. Божидар Белица. За практичната настава бил задолжена асе. Дина Шапкова и, потоа, се придружиле и асе. Александра Бабамова и асе. Нада Гитова-Чумбелиќ, заедно со дипл. хемичар Анатолиј Богусловски (емигрант од Русија), шеф на Определ за броматологија во Хигиенскиот завод (сега Институт за јавно здравје). Во 1954 г., со изменето име, Институтот за биохемија со медицинска биохемија бил издвоен како само-стоеен институт при МФ-Скопје и добил свои простории во кои ја одржувала и научна настава и научни студии.
работа. Во рамки на Институтот, на приземјето од левата страна на главниот влез во зградата, биле формирани две лаборатории за вежби со студентите на МФ-Скопје, една просторија за мери инструменти, како и простори за наставниот и помошно-наставниот персонал. На првиот крат биле формирани две биохемискиски лаборатории за научно-истражувачка работа, во просторот меѓу Институтот за микробиологија и Институтот за фармакологија. Проф. И. Беркеш посебно се занимал за оптумување на лабораториите со апарата."
Доајени

Блелки за користење на газни апарати во лабораторијата, д-р Беркеш вовел неколку методи на решенија за електрофореза на хартија. Подоцна, тој бил еден од најголемите истражувачи на ова поле и неговите трудови биле цитирани од сите што го занимавале со оние активности.

Покрај многуто примени на методата електрофореза, најинтересна студија била за нефротското синдром кај дета- та во 1950-те години. Подоцна проф. И. Беркеш развива активна анализа на тиоловите модификации и процеси на структурните промени во хемогло- бинот и ензимското определување на хомогалстин во клеточните екстракти.

Поголемиот дел од своето време проф. И. Беркеш го поминал со методолошки истражувања во биохемијата и ензимологијата. Неговиот интерес за ензимите континуирани се зголемувал. Во текот на својот живот објавил многу книги и над 200 трудови во домаши и странски научни списанија. Посебно е значајно неговото капитално дело - книгата „Општа и медицинска ензимологија” (1975), во која ги дал основите на општата и специјалната биохемија како вештачко-дисциплинарни дисциплини, посебно во врска со специфичните процеси како основа на комплексните метаболни процеси на животни организми.

За научно-истражувачката работа во Катедрата за биохемија, покрај проф. И. Беркеш, бил одговорна ас. Периодот на Беркеш, како клиничар и научник на институтот за биохемија при МБФ-Скопје од 1954-57 година била богата и продуктивна.

Спомени, признанија и награди

Проф. И. Беркеш ќе остане трајно во колективната меморија и историјата на МФ-Скопје и на медицината во Р. Македонија како основоположник на современата биохемија и прв директор на Институтот за биохемија при МФ- Скопје. Тој е почетен стручњак и учители во медицината и фармацијата, основач на клиничката ензимологија и медицинската биохемија во Македонија, Србија и, поштраво, во СФР Југославија.

Многу лекари и други профили на кајр под меритерство на проф. И. Беркеш станале врвни биохемичари, специјализирани за различни методи и потесни области на биохемијата. Тој бил пример за сите негови ученци во секој поглед и многу генерации негови ученци ги се искривуваат на својот учител како основоположник на модерната биохемија во Македонија и во поранешна Југославија.

За својата плодна и успешна дејност проф. И. Беркеш бил добитник на повеќе благородници и признанија од МФ- Скопје и МЛД. Здружението на медицински биохемичари на Србија, покрај високо признанието научни фонд „Проф. Иван Беркеш” по неговата смрт во 1997 година, организирало и 2018 година научна конференција за медицински биохемичари, наставници и студенти на Фармацевтскиот факултет во Белград, посветени на животот и делото на доајенот на биохемијата, проф. Иван Беркеш.

Проф. д-р Дончо Донев

ЛИТЕРАТУРА

8. Тациров И. Иван Беркеш – In Memoriam. MMPI, 1996; 50(5-6): 206.
Tomislav Pinter, koji ga je uveo u tajne analitičke i fizičke hemije. U praktičnom radu posebno mu je pomagao Miloš Mladenović, kasnije takođe Profesor na Farmaceutskom fakultetu u Beogradu, koji ga je uveo u organsku preparativnu hemiju i mikroanalizu po Preglu (1931. godine).

Po sugestiji Dr Mladenovića Ivan Berkeš radio je na izolaciji i određivanju funkcionalnih grupa politerpenskih kiselina $\alpha$-elemi i $\beta$-elementne kiseline. Tako su objavljeni prvi radovi o novim derivatima dihidro- i dibromelementne kiseline, kao i di- i tetraozonida. Disertacija Ivana Berkeša pod naslovom „Prilog poznavanju elemi smole“, Filozofski fakultet, Zagreb 1939. godine, je rezultat eksperimenata iz te oblasti.

Sa dr Pinterom, radio je na više problema iz koloidne hemije, kao i neorganske analitike čiji rezultati nisu bili ni završeni ni publikovani zbog ratnih događanja. Posle rata štampana je studija o kompleksnim heksacijanidima.

Prelazom na hromatografiju aminokiselina iz protamina riba (B. Briski) određena je molekulska veličina tih proteina. U nastavku pokušaja da se karakterišu pojedini protamine iz smeše uz pomoć insulina (insulin-protamin) inaugurisana su razdvajanja proteina hromatografijom na hartiji. Odatle je dalje logički sledilo ispitivanje čistoće insulina i njegovih disocijacija na protomere (sa Persidom Berkeš). Pošto je doziranje insulina bilo veoma nesigurno na isečcima tkiva u Warburgovom respiratometru, učinjen je pokušaj da se biološka aktivnost meri na suspenziji izolovanih ćelija (npr. assistants, the one who exerted a special influence on Dr. Berkeš was Tomislav Pinter, who revealed to him the secrets of analytical and physical chemistry. The help of Miloš Mladenović, later also a Professor at the Faculty of Pharmacy in Belgrade, was particularly valuable in practical work, as he brought him into preparative organic chemistry and Pregl’s micro-analysis (1931).

Upon suggestion by Dr. Mladenović, Ivan Berkeš worked on isolating and determining the functional groups of polyterpene acids in $\alpha$-elemi and $\beta$-elemonic acids. This led to the publication of the first papers about the new derivatives of dihydro- and dibromelemonic acid, and di- and tetraozonide. Ivan Berkeš’s dissertation entitled „An Addition to the Knowledge of Elemi Resin“, Faculty of Philosophy, Zagreb, 1939, is the result of experiments in this field.

Together with Dr. Pinter he worked on several problems in colloid chemistry and inorganic analytics, the results of which were never completed nor published due to war operations. A study on complex hexacianides was published after the war.

The transition to chromatography of aminoacids from fish protamines (B. Briski) marked the molecular size of these proteins. Continuing efforts to characterize individual protamines from the mixture by using insulin (insulin-protamine) inaugurated the separation of protamines by paper chromatography. Investigations of insulin purity and its dissociations into protomers (with Persida Berkeš) logically followed. Since the dosing of insulin was highly insecure on tissue carvings in Warburg’s respirometer, an attempt was made to measure biological activity in a suspension of isolated cells (e.g. tumours), but
the simplest way seemed to involve yeast. All these investigations were registered in publications where proteins (especially insulin) were proved to have a determined although unspecific influence on membrane transport. This is where Dr. Ivan Berkeš’s preoccupation with the composition and structure of the membrane and its transport mechanism originated, which will be the focus of study for his school during the years to come.

Upon arriving in Belgrade, Professor Berkeš worked for several years on projects for the Republic Science Institute of the Federal Republic of Serbia, under the topic “Thiol Function”. First, the highly accurate and specific amperometric titration of free sulphhydryl groups in low-molecular compounds and proteins was introduced. It served primarily for the investigations of carbon disulphide poisoning. The most significant achievement in this domain is the amperometric determination of the activity of enzyme dimethylethine: homocysteine methylferase (2.1.1.3), which opened a new field of study that was unfortunately never fully expanded and used.

When it became clear that clinic investigations of transamination activity can yield useful diagnostic data, at the Faculty of Pharmacy in Belgrade under the guidance of Professor Dr. Ivan Berkeš, Mr. Božidar Štraus obtained a doctor’s degree (1962) by examining this phenomenon on erythrocytes. As his mentor, Prof. Berkeš aimed further research at erythrocytes, in the sense of principle involvement of C-4 dicarbonic acids in membrane transport (M. Stanulović, 1966). According to Professor Berkeš’s conception, these acids have a crucial role in providing energy to erythrocytes as well as in alkaline ions transport through the mem-
radova nastavljeno je istraživanje transaminacije, transporta određenih organskih kiselina kroz membranu i njihova uloga kao supstrata (Nada Majkić). Osim ovog rađeno je i na ispitivanju respiracije uz metilensko plavo, na redukciji methemoglobina u dva prisutna sistema kao i na udelu ATP-aza u transportu. Na ovoj problematičkoj koja je planirana kroz projekat „Istraživanje normalnog metabolizma eritrocita“ finansiranog od strane RZN SR Srbije, magistriralо je i doktoriralо više kandidata Profesora dr Ivana Berkeša.

Više godina Profesor Ivan Berkeš sa istom Zajednicom je imao ugovor vezan za temu „Dokazivanje, određivanje i izolacija enzima krvi“, gde su naročito bili zapaženi eksperimenti koji su se bavili određivanjem fenotypske raspodele enzima eritrocita kod populacija koje žive na teritoriji SR Srbije, kao i pojedinih etničkih grupa (ispitani su enzimi kisela fosfataza, adenilat-kinaza, fosfo-glukomutaza itd.: Nada Majkić i Vesna Kalimanovska).

U toku skoro 20 godina Profesor Ivan Berkeš je uložio veliki trud u metodološka istraživanja u kliničkoj biohemiji, opštoj i kliničkoj enzimologiji. O tome svedoče brojni specijalistički radovi, magistarske i doktorske teze koji reflektuju precizno koji je problem u određenom momentu bio aktuelan u našim uslovima. Treba samo prelistati naslove od oko 150 specijalističkih radova koji su rađeni pod njegovim rukovodstvom ili je samo sugerisao teme, pa da se vidi koja je tematika bila aktuelna.

Vredno je takođe pomenuti da je po ideji Profesora Ivana Berkeša na Farmaceutskom
One other noteworthy reference could be made to a doctoral dissertation (Nada Majkić) done at the Faculty of Pharmacy and based on the idea of Professor Ivan Berkeš, which aimed to establish a kinetic method for the determination of a number of oxidases (anaerobic transhydrogenase) based on the oxidation of chromogen ABTS. These experiments later served as a foundation for establishing methods for the determination of a number of substrates (e.g. glucose, cholesterol, alcohol), which evoked much interest on the local as well as the global level.

Prof. Dr. Ivan Berkeš became interested in enzymes as a biochemistry teacher at the Medical Faculty in Skopje. During his many years of scientific-investigative work, Professor Berkeš was especially dedicated to examining several classes of enzymes. He was a member of the Enzyme Committee of the International Federation of Clinical Chemistry. As the founder of clinical enzymology, in 1975, together with Professor Persidom Berkeš, he wrote the famous work „General and Medical Enzymology“, the first scientific elaboration of enzymes in our language, nominated by the Faculty of Pharmacy in 1976 as the candidate for the October Prize of the City of Belgrade. Their belief, which they never abandoned, was that metabolism may be understood only with the knowledge of the nature and characteristics of individual enzymes. For that reason, he paved the way for the „Belgrade School of Enzymology“ as a pedagogic-publicistic and research entity.

During his working years, Professor Dr. Ivan Berkeš published several books and over 200 scientific papers in renowned magazines in

fakultetu izrađena doktorska disertacija (Nada Majkić) koja je za osnovu imala postavljanje kinetičkih metoda za određivanje jednog broja oksidaza (anaerobne transhidrogenaze) koje se zasnivaju na oksidaciji hromogena ABTS. Kasnije su ovi eksperimenti poslužili kao polazni osnov za postavljanje metoda za određivanje jednog broja supstrata (npr. glukoza, holesterol, alkohol), za koje je pokazano veliko interesovanje kako kod nas tako i u svetu.


U toku svog radnog staža Prof. dr Ivan Berkeš je objavio više knjiga i preko 200 naučnih radova u svetskim i domaćim časopisima. Rukovodio je nizom naučno-istraživačkih projekata, kojima se škola Profesora Berkeša bavila i nakon njegovog odlaska u penziju.
Odmah po dolasku na Farmaceutski fakultet u Beogradu, Profesor dr Ivan Berkeš se posvetio stvaranju programa za specijalizaciju iz medicinske biohemije. U toku 18. godišnjeg perioda pod njegovim rukovodstvom specijaliziralo je preko 150 medicinskih biohemičara, a iz oblasti medicinske biohemije magistriralo i doktoriralo više desetina farmaceuta. Razvoju medicinske biohemije doprinosio je i svojim aktivnim radom u Saveznoj komisiji za medicinsku biohemiju i Sekciji za medicinsku biohemiju Farmaceutskog društva Srbije kao strukovnoj organizaciji. Dugogodišnjom naučnom i stručnom aktivnošću Prof. dr Ivan Berkeš je doprino deo da se u srpskoj medicini i farmaciji utemelji medicinska biohemija kao savremenija dijagnostička grana, pri čemu je Profesor Ivan Berkeš svojim studentima, specijalizantima i poslediplomcima uvek nesebično prenosio svoja ogromna znanja.

Nama, njegovim đacima i sledbenicima, Profesor Berkeš je istovremeno bio Profesor, Učitelj, otac i prijatelj. Učio nas je tajnama i veštinama medicinske biohemije, ali i životnim istinama. Cenio je i podržavao svestrane ličnosti, hrabrost i odlučnost mladih ljudi. Nastojao je da utiče na razvoj istraživačkog duha kod svojih studenata.


our country and worldwide. He mentored a series of scientific-research projects, the work continued by his school after his retirement.

Immediately after joining the staff of the Faculty of Pharmacy in Belgrade, Prof. Dr. Ivan Berkeš became dedicated to creating a program for specialty studies in medical biochemistry. During the 18 years under his tutorship, more than 150 medical biochemists became specialists in this field, and several dozen pharmacists obtained their master’s and doctor’s degrees. Another way of contributing to the development of medical biochemistry was through his active engagement in the Federal Committee for Medical Biochemistry and the Section of Medical Biochemistry of the Pharmaceutical Society of Serbia as a professional organization. Owing to his many active years as a scientist and expert, Prof. Dr. Ivan Berkeš helped to establish medical biochemistry as a contemporary diagnostic branch in Serbian medicine and pharmacy, whereby the professor unselfishly shared his vast knowledge with his students, interns and postgraduates.

To us, his students and followers, Professor Berkeš was at the same time a Professor, a Teacher, a father and a friend. He taught us the secrets and skills of medical biochemistry, but also the life’s truths. He appreciated and supported open-mindedness, courage and determination in young people, encouraging students to develop a spirit of investigation.

We loved listening to his lectures, because of his illustrative approach to serious matters. His witty remarks still come to mind, recorded in the texts of our master and doc-

Nakon smrti Prof. dr Ivana Berkeša 1997. godine, u njegovu čast su Društvo medicinskih biohemićara Jugoslavije (danas Društvo medicinskih biohemićara Srbije) i Farmaceutski fakultet Univerziteta u Beogradu formirali Naučni fond „Profesor Ivan Berkeš“ i ustanovili „Godišnju naučnu konferenciju“ posvećenu životu i delu Profesora Ivana Berkeša, na predlog i u organizaciji Prof. dr Nade Majkić Singh. Počevši od 1998. godine na Naučnim konferencijama prikazuju se magistarske i doktorskse teze članova Društva i iz srodnih disciplina u toku protekle godine, a svake godine su nagrađivani i najbolji studenti Farmaceutskog fakulteta na smeru farmacija - medicinska biohemija, kao i na smeru farmacija koji su diplomirali sa najvišom prosečnom ocenom u prethodnoj školskoj godini.

Svrha Naučnog fonda je dodela novčane nagrade i diplome najboljim studentima Farmaceutskog fakulteta, oba profila studija (diplomirani farmaceut-medicinski biohemičar i diplomirani farmaceut; sada: magistar farmacije-medicinski biohemičar i magistar farmacije), koji su najкраće studirali i diplomirali sa najvišom prosečnom ocenom u prethodnoj školskoj godini. Do sada su održane 22 Naučne godišnje konferencije na kojima je 48 laureata primilo Diplome i toral theses and specialists papers. We never repeated the same mistakes. He inspired us to reach for the truth, but also to achieve the impossible.

Professor Berkeš was a versatile figure – he loved music, painting, spoke five languages, knew history, philosophy. He practiced philately for many years. He was a row model to his students in every respect. Our secret was to have a hint of his charisma. We honored, admired and respected him. These feelings will always live within us.

Appreciating the work of their teacher and a renowned expert Professor Dr. Ivan Berkeš, the Society of Medical Biochemists of Yugoslavia (now the Society of Medical Biochemists of Serbia) and the Faculty of Pharmacy, University of Belgrade, created the Scientific Foundation „Professor Ivan Berkeš“ in 1997 and established the „Annual Scientific Conference“ dedicated to the life and work of Professor Ivan Berkeš. The scientific foundation was established on the proposal of the Professor Dr. Nada Majkić-Singh, also a long-term organizer of the Annual Scientific Conferences. Beginning in 1998, Scientific Conferences have been presenting masters and doctoral theses of members of the Society and related disciplines during the previous year.

The purpose of the Scientific Foundation is to award monetary awards and diplomas to the best graduates of the Faculty of Pharmacy in the previous year, of both study profiles (graduate pharmacist-medical biochemist and graduate pharmacist; now: master of pharmacy-medical biochemist and master of pharmacy), who were the quickest to graduate and with the highest average.
novčane nagrade Fonda, čije biografije su prikazane u ovoj monografiji. Društvo medicinskih biohemičara koristi priliku da im još jednom čestita na postignutim uspesima u oblasti medicinske biohemije i farmacije.

U Beogradu je 16. novembra 2010. godine održana Trinaesta godišnja naučna konference posvećena 100-godišnjici rođenja Profesora Ivana Berkeša u okviru koje su stručnjaci iz Beograda (N. Majkić-Singh), Zagreba (S. Margetić) i Skoplja (S. Efremova-Aaron) u kojima je Profesor Ivan Berkeš živeo i radio, održali svoja predavanja. Takođe su tradicionalno iz Naučnog fonda „Profesor Ivan Berkeš” dodeljene diplome i novčane nagrade najboljim studentima Farmaceutskog fakulteta u Beogradu i to: Zori Ćetković i Jelena Joksić.


On November 16th, 2010, the Thirteenth Annual Scientific Conference dedicated to the 100th anniversary of the birth of Professor Ivan Berkeš was held in Belgrade, during which experts from Belgrade (N. Majkić-Singh), Zagreb (S. Margetić) and Skopje (S. Efremova-Aaron), the cities where Professor Ivan Berkeš lived and worked, gave their lectures. Also, diplomas and money awards were traditionally presented by the Scientific “Foundation Professor Dr. Ivan Berkeš” to the best students of the Faculty of Pharmacy in Belgrade: Zora Ćetković and Jelena Joksić.

In 2020, the Society of Medical Biochemists of Serbia will mark the 110th anniversary of the birth of Professor Ivan Berkeš, on which occasion the Monograph – LIFE AND WORK OF PROFESSOR IVAN BERKEŠ and FOUNDATION LAUREATES were prepared: WHERE ARE THEY AND WHAT ARE THEY DOING TODAY?
Ivan Berkeš sa mamom i tatom/Ivan Berkeš with mother and father.

Majka Ivana Berkeša/Ivan Berkeš mother Gizela.

Ivan Berkeš sa suprugom i sinom Igorom, 1951. godine/Ivan Berkeš with wife and son Igor, 1951.
Ivan Berkeš (1938. godine).

Ivan Berkeš na studijama, Zagreb/Ivan Berkeš during his university studies in Zagreb.

Profesor Berkeš sa suprugom Profesor Persidom Berkeš/Persida Berkeš.

Ivan Berkeš na studijama, Zagreb/Ivan Berkeš during his university studies in Zagreb.
Ivan Berkeš stoji drugi s leva sa kolegama na vežbama/Ivan Berkeš standing second from the left with colleagues at his university studies exercises.

Ivan Berkeš sa kolegama/Ivan Berkeš with colleagues during his university studies.
Ivan Berkeš sa kolegama ispred Hemijskog Instituta u Beogradu/Ivan Berkeš with colleagues in front of the Chemical Institute in Belgrade.
Ivan Berkeš at Medical Faculty in Skopje, 1957.

Professor Berkeš at Wiena, Austria, 1958, September 1–6 at IV International Biochemistry Congress.
Profesor Ivan Berkeš.
Profesor Ivan Berkeš na Farmaceutskom fakultetu sa saradnicima i specijalizantima, Beograd, 1968. godine/
Professsor Ivan Berkeš at Pharmaceutical Faculty with colleagues and specialists, Belgrade, 1968.

Farmaceutski fakultet, Profesor Ivan Berkeš sa saradnicima i grupom specijalizanata, Beograd, 1970. godine/
Pharmaceutical Faculty, Professor Ivan Berkeš with his collaborators and specialists, Belgrade, 1970.
Professor Ivan Berkeš sa asistentima i specijalizantima/Professor Ivan Berkeš with his collaborators and specialists.

Professor Ivan Berkeš prima Diplomu povodom 40-godišnjice Centralne laboratorije Kliničkog Centra Srbije od direktora Prof. dr Nade Majkić-Singh/Professor Nada Majkić-Singh delivery Diploma to Professor Ivan Berkeš.
GODIŠNJE NAUČNE KONFERENCIJE  |  ANNUAL SCIENTIFIC CONFERENCES

Dr Ivan Berkeš, Profesor Farmaceutskog fakulteta Univerziteta u Beogradu jedan je od utemeljivača medicinske biohemije u Jugoslaviji. Medicinsku biohemiju predavao je u Zagrebu, Skoplju i Beogradu. Dolaskom u Beograd, šezdesetih godina, posvetio se stvaranju programa specijalizacije iz medicinske biohemije. Pod njegovim rukovodstvom iz oblasti medicinske biohemije magistriralo i doktoriralo je više desetina kandidata i specijaliziralo preko 150 medicinskih biohemićara. Utemeljio je i Kliničku enzimologiju kao nezavisnu disciplinu. Beogradsku školu enzimologije trasirao je kao pedagoško-publicističku i istraživačku. Objavio je preko 200 naučnih radova u svetskim i domaćim časopisima i napisao više knjiga. Autor je dela „Opšta i medicinska enzimologija“.

Počev od 1998. godine do danas Društvo medicinskih biohemičara Srbije (ranije Jugoslavije) održalo je 22 Naučne konferencije posvećene delu Prof. dr Ivana Berkeša u toku kojih su prikazivane magistarske i doktorske teze iz naučne oblasti medicinske biohemije i srodnih disciplina odbranjene u toku protekle godine.

Appreciating the work of their teacher and an eminent expert Prof. Dr. Ivan Berkeš, the Society of Medical Biochemists of Yugoslavia and the Faculty of Pharmacy, University of Belgrade, set up the Scientific Foundation „Professor Ivan Berkeš“ in 1997 and established the „Annual Scientific Conference“ dedicated to the life and work of Professor Ivan Berkeš. The Scientific Foundation was established on the proposal of Prof. Dr. Nada Majkić-Singh, who is also the long-term organizer of the Annual Scientific Conferences.

Dr. Ivan Berkeš, Professor at the Faculty of Pharmacy, University of Belgrade, was one of the founders of medical biochemistry in Yugoslavia. He taught medical biochemistry in Zagreb, Skopje, and Belgrade. Arriving in Belgrade in the sixties, he dedicated himself to creating a specialization program in medical biochemistry. Under his leadership in the field of medical biochemistry, dozens of candidates obtained master’s and doctoral degrees as well as 150 medical biochemists who specialized. He also founded Clinical Enzymology as an independent discipline. He paved the road for the Belgrade School of Enzymology as a pedagogical-journalistic and research one. He published over 200 scientific papers in international and domestic journals and wrote several books. He is the author of „General and Medical Enzymology.“

Starting from 1998 until today, the Society of Medical Biochemists of Serbia (formerly Yugoslavia) has held 22 Scientific Conferences dedicated to the work of Prof. Dr. Ivan Berkeš, during which the master’s and doctoral theses of the members of the Society from related disciplines from the previous years were presented and defended.

**Prva godišnja naučna konferencija** (The First Annual Scientific Conference „Professor Ivan Berkeš”) održana je 25. 11. 1998. godine At the Scientific Conference, the following members of the Society presented their master’s or doctoral theses, regardless of whether they were defended at the Faculty of Pharmacy or Medicine of the University of Belgrade, or the Medical Faculties of the Universities of Niš and Novi Sad: Violeta Jelušić, Mirka Ilić, Marija Romić, Tatjana Ristić, Sanja Stanković, Lilika Zvezdanović, Radica Dunjić, Radmila Mihailović, Marijana Dajak, Nataša Bogavac-Stanojević, Tatjana Jevtović-Stoimenov, Slavka Mandić-Radić, Vojislav Ristovski, Snežana Marković, Janko Pejović, Tatjana Vodnik, Vesna Radonjić, Vesna Stojanović, Radmila Kovačević, Mirjana Opaćić, Zorica Šumarac, Zoran Mijušković, Marina Vučeljić, Duško Mirković, Tatjana Cvetković, Marica Marković, Aleksandra Nikolić, Aleksandra Davić-Radojević, Vladimir Ćosić, Emina Čolak, Nada Bujišić, Dušan Sokolović, Mirjana Bećarević, Olivera Dimitrijević, Velibor Čabarkapa, Branimir Radosavljević, Radmila Obrenović, Zoran Dimitrijević, Snežana Jovičić, Aleksandar Veljković, Dragana Pap, Aleksandar Ignjatović, Anđelo Beletić, Ana Ninić, Lidija Memon, Vesna Vuković. Most of those listed here presented their master’s and doctoral theses. Only the First Scientific Conference had the character of a general scientific conference at which several authors presented. Prof. Dr. Nada Majkić-Singh spoke about life and work of Prof Ivan Berkeš with the presentation of the following participants: E-G. Krause (Berlin, Germany), Zorana Vasiljević, Snežana Marković, Gordana Koračević, Nada Majkić-Singh, Slavica Spasić, Mirka Ilić, Zorana Jelić-Ivanović and Vesna Spasojević Kalimanovska.

**The First Annual Scientific Conference „Professor Ivan Berkeš”** was held on November 25, 1998, in Belgrade, at the „Inter-
u Beogradu, u hotelu „Inter-Continental Beograd”, uz održavanje Drugog kongresa farmaceuta Jugoslavije. Organizatori su bili Naučno društvo Srbije, Sekcija za medicinsku biohemiju Farmaceutskog društva Srbije i Društvo medicinskih biohemičara Jugoslavije. Naučna konferencija je održana pod naslovom „Uloga biohemijskih parametara u okviru praćenja kardiovaskularnih obolje-
nja”. Profesor dr Nada Majkić-Singh u uvodu je govorila o životu i delu Profesora Ivana Berkeša, da bi zatim devet eminentnih pre-
davača održali svoja predavanja.

Svrha Naučnog fonda „Profesor Ivan Berkeš“ je dodela novčane nagrade i di-
plome najboljim studentima Farmaceutskog fakulteta, oba profila studija: diplomirani farmaceut-medicinski biohemičar i diplomirani farmaceut (sada: magistar farmacije-medi-
cinski biohemičar i magistar farmacije), koji su najkraće studirali i diplomirali sa najvišom prosečnom ocenom u prethodnoj školskoj godini.

Prvi nagrađeni laureati Fonda bili su:

VESNA VUKOVIĆ
(diplomirani farmaceut-
medicinski biohemičar)

i

NEBOJŠA CEKIĆ
(diplomirani farmaceut)

Druga godišnja naučna konferencija (The Second Annual Scientific Conference „Pro-
fessor Ivan Berkeš”) održana je 14. decem-
bra 1999. godine u Beogradu, u Hotelu M. Ova konferencija održana je i povodom 60
godina Farmaceutskog fakulteta u Beogradu i 120 godina Farmaceutskog društva Srbije

Continental Belgrade” hotel, together with the Second Congress of Yugoslav Pharma-
cists. The organizers were the Scientific Society of Serbia, the Section for Medical Biochemistry of the Pharmaceutical Society of Serbia, and the Society of Medical Bio-
chemists of Yugoslavia. The Scientific Conference was held under the title „The Role of Biochemical Parameters in Cardiovascular Disease – Detecting and Follow-up.” In the introduction, Professor Nada Majkić-Singh spoke about the life and work of Professor Ivan Berkeš, and then nine eminent lecturers gave their lectures.

The purpose of the Scientific Foundation „Profesor Ivan Berkeš” is to award mo-
netary awards and diplomas to the best students of the Faculty of Pharmacy, of both study profiles: graduate pharmacist-medical biochemist and graduate pharmacist (now: master of pharmacy-medical biochemist and master of pharmacy) who were the quickest to graduate and with the highest average grade in the previous school year.

The first laureates of the Foundation were:

VESNA VUKOVIĆ
(graduate pharmacist-medical biochemist)

and

NEBOJŠA CEKIĆ
(graduate pharmacist)

The Second Annual Scientific Conference „Professor Ivan Berkeš” was held on De-
cember 14, 1999, in Belgrade, at the Hotel M. This Conference was also held on the oc-
casion of 60 years of the Faculty of Pharmacy in Belgrade and 120 years of the Pharma-
aceutical Society of Serbia organized by the


Prof. dr Nada Majkić-Singh, predsednik Društva medicinskih biohemičara Jugoslavije dodeljuje Diplome Fonda „Profesor Ivan Berkeš“.

Professor Dr. Nada Majkić-Singh, president of the Society of Medical Biochemists of Yugoslavia deliver Diplomas of the Scientific Foundation „Professor Ivan Berkeš“.

Profesori Nada Majkić-Singh, Milena Pokrajac i Ivanka Miletić na Prvoj godišnjoj naučnoj konferenciji.

Professors Nada Majkić-Singh, Milena Pokrajac and Ivanka Miletić on the First Annual Scientific Conference.


u organizaciji „Naučnog fonda Profesor Ivan Berkeš“, Sekcije za medicinsku biohemiju Farmaceutskog Društva Srbije i Društva medicinskih biohemičara Jugoslavije.

Nakon otvaranja konferencije Prof. dr Nada Majkić-Singh je u ime Naučnog fonda „Profesor Ivan Berkeš“ dodelila Diplome Fonda studentima Farmaceutskog fakulteta koji su u školskoj 1998/99. godini diplomirali sa najvećom prosečnom ocenom i to:

**SONJI BULAJIĆ**
(diplomiranom farmaceutu-medicinskom biohemičaru)

i

**IVANU KOVAČEVIĆU**
(diplomiranom farmaceutu)


Scientific Foundation „Professor Ivan Berkeš,” Section for Medical Biochemistry of the Pharmaceutical Society of Serbia, and the Society of Medical Biochemists of Yugoslavia.

After the opening of the Conference, Prof. Dr. Nada Majkić-Singh, on behalf of the Scientific Foundation „Professor Ivan Berkeš” awarded diplomas to students of the Faculty of Pharmacy who graduated with the highest average grade in the school year 1998/99:

**SONJA BULAJIĆ**
(graduate pharmacist-medical biochemist)

and

**IVAN KOVAČEVIĆ**
(graduate pharmacist)

As part of the ceremonial opening of the Conference, the members of the Society of Medical Biochemists of Yugoslavia Miljana Popović, Spomenka Stoilković, and Nadica Stevanović were awarded Certifications of Appreciation for the exceptional organization of the XV Biochemical Days, held in Vranje in 1998.

In the conference program, the members of the Society who defended their master’s theses in 1999 (T. Ristić, S. Stanković, and L. Zvezdanović) and doctoral dissertations (V. Jelušić, M. Ilić, and M. Romić) successfully presented the results of their scientific work. The Society of Medical Biochemists thanks them for their participation.
Diploma
za vrhunski doprinos u oblastima farmacije i medicinske biohemije

Bulajić Sonja

Predsednik
Društva medicinskih biohemičara Jugoslavije

Dekan
Farmaceutskog fakulteta
Dr IVAN BERKEŠ (1910–1997),
Profesor Farmaceutskog fakulteta
Univerziteta u Beogradu je jedan
od utemeljivača medicinske biohemije
u Jugoslaviji. Medicinsku biohemiju predavao
je u Zagrebu, Skoplju i u Beogradu.
Dolaskom u Beograd šezdesetih godina
posvetio se stvaranju programa
specijalizacije iz medicinske biohemije.
Pod njegovim rukovodstvom iz oblasti
medicinske biohemije magistriralo i doktoriralo
je više desetina kandidata i specijaliziralo
preko 150 medicinskih biohemičara.
Utemeljio je i kliničku enzimologiju
kao nezavisnu disciplinu. Beogradsku školu
enzimologije trasirao je kao pedagoško-publicističku
i istraživačku. Objavio je preko 200
naučnih radova u svetskim i domaćim
časopisima i napisao više knjiga.
Autor je dela „Opšta i medicinska enzimologija“. 
Ceneći delo svog učitelja i eminentnog stručnjaka,
Društvo medicinskih biohemičara Jugoslavije
i Farmaceutski fakultet Univerziteta iz Beograda
formirali su Naučni fond „Profesor Ivan Berkeš“
i ustanovili „Godišnju naučnu konferenciju“
koju posvećuju životu i delu
profesora Ivana Berkeša.
Diploma
za vrhunski doprinos u oblastima farmacije i medicinske biohemije

Kovačević Ivan

Predsednik
Društva medicinskih biohemičara Jugoslavije

Dekan
Farmaceutskog fakulteta
The Third Annual Scientific Conference dedicated to the life and work of Professor Ivan Berkeš was held on February 27, 2001, at the Hotel “M.” The Conference was chaired by Svetlana Ignjatović, Aleksandra Poštić-Grujin, and Vera Cvetković.

The laureates of the awards of the Foundation at the Third Scientific Conference were:

IVA PEROVIĆ
(graduate pharmacist-medical biochemist)
and
DANJELA ĐUKIĆ
(graduate pharmacist)

Treća godišnja naučna konferencija posvećena životu i delu Profesora Ivana Berkeša održana je 27. februara 2001. godine u Hotelu „M“. Konferencijom su predsedavale Svetlana Ignjatović, Aleksandra Poštić-Grujin i Vera Cvetković.

Nagrade Fonda na Trećoj naučnoj konferenciji dodeljene su:

IVI PEROVIĆ
(diplomiranom farmaceutu-medicinskom biohemičaru)
i
DANIJELI ĐUKIĆ
(diplomiranom farmaceutu)
Iva Perović and Danijela Đukić – award winners at the Third Annual Scientific Conference.

Učesnici Treće godišnje naučne konferencije.
Participants of the Third Annual Scientific Conference.

Tradicionalno i ove godine Naučni fond „Profesor Ivan Berkeš“ dodelio je diplome i novčane nagrade najboljim studentima Farmaceutskog fakulteta u školskoj 2000/2001. godini i to:

ANI ĐUROVIĆ
(diplomiranom farmaceutu-medicinskiom biohemičaru)

i

MARIJI STANOJEVIĆ
(diplomiranom farmaceutu)

The Fourth Annual Scientific Conference dedicated to the life and work of Professor Ivan Berkeš was held in Belgrade on December 17, 2001, at the Military Medical Academy in Belgrade under the auspices of the Scientific Society of Serbia, Scientific Foundation „Professor Ivan Berkeš,” the Faculty of Pharmacy, the Institute of Medical Biochemistry of the Clinical Center of Serbia, the Institute of Medical Biochemistry of the Military Medical Academy, and the Society of Medical Biochemists of Yugoslavia. On behalf of the institutions that support the Conference, the opening address was given by Prof. Dr. Miroslav Draškoci.

Traditionally, this year the Scientific Foundation „Professor Ivan Berkeš“ awarded diplomas and monetary awards to the best students of the Faculty of Pharmacy in the school year 2000/2001:

ANA ĐUROVIĆ
(graduate pharmacist-medical biochemist)

and

MARIJA STANOJEVIĆ
(graduate pharmacist)
Na početku Naučne konferencije, Prof. dr Nadi Majkić-Singh, direktoru Instituta za medicinsku biohemiju Kliničkog centra Srbije, dr Miloš Jelić predsednik Jugoslovenskog akreditacionog tela – JUAT-a, uručio je Rešenje o akreditaciji, prema standardu JUS ISO 17025.

At the beginning of the Scientific Conference, Dr. Miloš Jelić, President of the Yugoslav Accreditation Body – JUAT, handed the Decision on Accreditation (according to the standard JUS ISO 17025) to Prof. Dr. Nada Majkić-Singh, Director of the Institute of Medical Biochemistry of the Clinical Center of Serbia.

Dr Miloš Jelić, predsednik JUAT-a i profesor dr Nada Majkić-Singh.
Dr. Miloš Jelić, President of JUAT and Professor Dr. Nada Majkić-Singh.

Marija Stanojević prima nagradu Fonda od Profesor dr Nade Majkić-Singh.
Marija Stanojević receives the Foundation award from Professor Dr. Nada Majkić-Singh.

Ana Đurović prima nagradu Fonda od Profesor dr Nade Majkić-Singh.
Ana Đurović receives the Foundation award from Professor Dr. Nada Majkić-Singh.
Igor Berkeš i Ivan Berkeš na otvaranju Četvrte godišnje naučne konferencije.
Igor Berkeš and Ivan Berkeš at the opening of the Fourth Annual Scientific Conference.

Učesnici Četvrte godišnje naučne konferencije.
Participants of the Fourth Annual Scientific Conference.
Diploma
za vrhunski doprinos u oblastima farmacije i medicinske biohemije

Ani Đurović

Diploma
za vrhunski doprinos u oblastima
farmacije i medicinske biohemije

Mariji Stanojević


Predsednik
Društva medicinskih biohemičara Srbije
Prof. dr Nada Majkić-Singh

ANĐELU BELETIĆU
(diplomiranom farmaceutu-medicinskom biohemičaru)

i

ANI KORAĆ
(diplomiranom farmaceutu)

U okviru Naučne konferencije predavanja su održali Profesor Mathias M. Müller, predsednik IFCC-a, akademik Profesor Vladimir S. Kostić, Profesor Svetozar Damjanović i Asistent Duško Mirković.

Uz Naučnu konferenciju svečano su obe-leženi jubileji Instituta za medicinsku biohemiju Kliničkog centra Srbije i to 50 godina Centralne laboratorije Medicinskog fakulteta u Beogradu, 15 godina Laboratorija u Poliklinici i Urgentnom centru Kliničkog centra Srbije i 10 godina Instituta za medicinsku biohemiju Kliničkog centra Srbije. O Institutu za medicinsku biohemiju Kliničkog centra Srbije govorila je direktor Instituta Prof. dr Nada Majkić-Singh.

The Fifth Annual Scientific Conference was held on November 22, 2002, at the „Inter.Continental Belgrade“ Hotel, with the Scientific Foundation „Professor Ivan Berkeš“ presenting the awards to:

ANĐELO BELETIĆ
(graduate pharmacist-medical biochemist)

and

ANA KORAĆ
(graduate pharmacist)

As a part of the Scientific Conference, lectures were given by Professor Mathias M. Müller, IFCC President, Professor Vladimir S. Kostić, a member of the Academy of Science and Arts, Professor Svetozar Damjanović, and Assistant Professor Duško Mirković.

Along with the Scientific Conference, anniversaries of the Institute of Medical Biochemistry of the Clinical Center of Serbia, namely, 50th anniversary of Central Laboratory of the Faculty of Medicine in Belgrade, 15th anniversary of the Laboratory at the Policlinic and the Emergency Center of the Clinical Center of Serbia, and 10th anniversary of the Institute of Medical Biochemistry of the Clinical Center of Serbia were celebrated. Prof. Dr. Nada Majkić-Singh, the Director of the Institute, spoke about the Institute for Medical Biochemistry of the Clinical Center of Serbia.
Učesnici Pete godišnje naučne konferencije (Beograd, 2002. god.).
Participants of the Fifth Annual Scientific Conference (Belgrade, 2002).

Anđelo Beletić dobitnik nagrade na Petoj godišnjoj naučnoj konferenciji sa Nadom Majkić-Singh.
Andelo Beletić an award winner at the Fifth Annual Scientific Conference with Nada Majkić-Singh.

Ana Korać dobitnik nagrade na Petoj godišnjoj naučnoj konferenciji sa Nadom Majkić-Singh.
Ana Korać, an award winner at the Fifth Annual Scientific Conference with Nada Majkić-Singh.
Šesta godišnja naučna konferencija posvećena životu i delu Profesora Ivana Berkeša održana je u Beogradu 23. decembra 2003. godine. Nagrade iz Fonda „Profesor Ivan Berkeš” dodeljene su najboljim studentima Farmaceutskog fakulteta u Beogradu za školsku 2002 /2003. godinu i to:

SRĐANU DRAGOVIĆU
(diplomiranom farmaceutu-medicinskom biohemičaru)

i

IGORU POPOVIĆU
(diplomiranom farmaceutu)


The Sixth Annual Scientific Conference dedicated to the life and work of Professor Ivan Berkeš was held in Belgrade on December 23, 2003. Awards from the Foundation „Professor Ivan Berkeš” were awarded to the best students of the Faculty of Pharmacy in Belgrade for the school year 2002/2003:

SRĐAN DRAGOVIĆ
(graduate pharmacist-medical biochemist)

and

IGOR POPOVIĆ
(graduate pharmacist)

The working presidency of the conference: Radmila Nikolajević, Milka Golubović (Belgrade, 2003).
Učesnici Šeste godišnje naučne konferencije.
Participants of the Sixth Annual Scientific Conference.

Profesor dr Nada Majkić-Singh uručuje nagradu Igoru Popoviću.
Professor Dr. Nada Majkić-Singh presents the award to Igor Popović.

Profesor dr Nada Majkić-Singh uručuje nagradu Srđanu Dragoviću.
Professor Dr. Nada Majkić-Singh presents the award to Srđan Dragović.

Učesnici Šeste godišnje naučne konferencije.
Participants of the Sixth Annual Scientific Conference.
The Seventh Annual Scientific Conference was held on December 21, 2004. Awards of the Scientific Foundation “Professor Ivan Berkeš” were awarded to:

ANA ĐORĐEVIĆ
(diplomiranim farmaceutu-medicinskom biohemičaru)

and

MARIJA PETRONIJEVIĆ
(diplomiranim farmaceutu)

Srđan Dragović and Igor Popović with Professor Dr. Nada Majkić-Singh and Professor Svetlana Ignjatović at the Sixth Annual Scientific Conference.
Profesor Nada Majkić-Singh predaje nagradu Mariji Petronijević.
Professor Nada Majkić-Singh presents the award to Marija Petronijević.

Profesor Svetlana Ignjatović i Profesor Nada Majkić-Singh sa laureatima Anom Đorđević i Marijom Petronijević.
Professors Svetlana Ignjatović and Nada Majkić-Singh with laureats Ana Đorđević and Marija Petronijević.

Učesnici Sedme godišnje naučne konferencije (Beograd, 2004. god.).
Participants of the Seventh Annual Scientific Conference (Belgrade, 2004).
Osma godišnja naučna konferencija po-
svećena životu i delu Profesora Ivana Berkeša
godine. Nagrade iz Fonda „Profesor Ivan
Berkeš” dodeljene su najboljim studentima
Farmaceutskog fakulteta u Beogradu za
školsku 2004/2005. godinu i to:

MARKU RACKOVIĆU
(diplomiranom farmaceutu-
medicinskom biohemičaru)

i

SLAĐANI STANOJKOVIĆ
(diplomiranom farmaceutu)

The Eighth Annual Scientific Conference
dedicated to the life and work of Professor
Ivan Berkeš was held in Belgrade on
December 23, 2005. Awards of the „Professor
Ivan Berkeš” Foundation were awarded to
the best students of the Faculty of Pharmacy
in Belgrade for the school year 2004/2005:

MARKO RACKOVIĆ
(graduate pharmacist-
medical biochemist)

and

SLAĐANA STANOJKOVIĆ
(graduate pharmacist)
The working presidency of the Eighth Annual Scientific Conference: Professor Svetlana Ignjatović and Dr. Aleksandra Poštić-Grujin (Belgrade, 2005).

Dean of the Faculty of Pharmacy, Prof. Dr. Darko Ivanović, greets participants.

Vesna Subota addresses the meeting on behalf of the Institute for Medical Biochemistry of the Military Medical Academy.
Slađana Stojković, diplomirani farmaceut, prima nagradu „Naučnog fonda Ivan Berkeš“. Slađana Stojković, a graduate pharmacist, receives the award of the Scientific Foundation „Professor Ivan Berkeš“.

Marko Racković, diplomirani farmaceut-medicinski biohemičar prima nagradu „Naučnog fonda Ivan Berkeš“. Marko Racković, graduate pharmacist-medical biochemist, receives the award of the Scientific Foundation „Professor Ivan Berkeš“.

Sladana Stojković i Marko Racković sa Prof. Svetlanom Ignjatović.
Sladana Stojković and Marko Racković with Prof. Svetlana Ignjatović.
Participants of the Eighth Annual Scientific Conference.
Deveta godišnja naučna konferencija posvećena životu i delu Profesora Ivana Berkeša održana je u Beogradu 7. decembra 2006. godine. Nagrade iz „Fonda Profesor Ivan Berkeš” dodeljene su najboljim studen-tima Farmaceutskog fakulteta u Beogradu za školsku 2005/2006. godinu i to:

TIJANI KRNJETI
(diplomiranom farmaceutu-medlicinskom biohemičaru)

i

DRAGANI TAŠIĆ
(diplomiranom farmaceutu)

The Ninth Annual Scientific Conference dedicated to the life and work of Professor Ivan Berkeš was held in Belgrade on December 7, 2006. Awards from the „Professor Ivan Berkeš” Foundation were awarded to the best students of the Faculty of Pharmacy in Belgrade for the school year 2005/2006:

TIJANA KRNJETA
(graduate pharmacist-medical biochemist)

and

DRAGANA TAŠIĆ
(graduate pharmacist)
Prof. Dr. Branko Gligić welcomes the participants on behalf of the Military Medical Academy (Belgrade, 2006).

Chairs of the Ninth Annual Scientific Conference: Professor Svetlana Ignjatović and Dr. Janko Pejović.

Prof. Dr. Branislava Miljković, Vice Dean of the Faculty of Pharmacy, welcomes participants.
Dragana Tašić, diplomirani farmaceut prima nagradu Naučnog fonda „Professor Ivan Berkeš“.

Dragana Tašić, a graduate pharmacist, receives the award of the Scientific Foundation „Professor Ivan Berkeš“.

Tijana Krnjeta, diplomirani farmaceut-medicinski biohemičar prima nagradu Naučnog fonda „Professor Ivan Berkeš“.

Tijana Krnjeta, graduate pharmacist-medical biochemist, receives the award of the Scientific Foundation „Professor Ivan Berkeš“.
Participants of the Ninth Annual Scientific Conference.

Professor Nada Majkić-Singh with Tijana Krnjeta and Dragana Tašić on the Ninth Annual Scientific Conference.
The Tenth Annual Scientific Conference dedicated to the life and work of Professor Ivan Berkeš was held in Belgrade on December 4, 2007. Awards of the „Professor Ivan Berkeš“ Foundation were awarded to the best students of the Faculty of Pharmacy in Belgrade for the school year 2006/2007:

MIRON SOPIĆ
(graduate pharmacist-medical biochemist)
and
IVANA KOCIĆ
(graduate pharmacist)
Prof. dr Nada Kovačević, dekan Farmaceutskog fakulteta obraća se učesnicima Desete godišnje naučne konferencije.
Prof. Dr. Nada Kovačević, Dean of the Faculty of Pharmacy, addresses the participants of the Tenth Annual Scientific Conference.

Miron Sopić i Ivana Kocić dobitnici nagrade na Desetoj godišnjoj naučnoj konferenciji sa Profesom Nadom Majkić-Singh i Profesom Nadom Kovačević.
Award-winning students, Miron Sopić and Ivana Kocić, at the Tenth Annual Scientific Conference with Professor Nada Majkić-Singh and Professor Nada Kovačević.
Jedanaesta godišnja naučna konferencija održana je 4. decembra 2008. godine. Nagrade iz Naučnog fonda „Profesor Ivan Berkeš” dodeljene su:

JELENI PAREZANOVIĆ
(diplomiranom farmaceutu-medicinskom biohemičaru)

i

GORDANI DRAGANAC
(diplomiranom farmaceutu)

The Eleventh Annual Scientific Conference was held on December 4, 2008. The awards of the Scientific Foundation „Professor Ivan Berkeš” were awarded to:

JELENA PAREZANOVIĆ
(graduate pharmacist-medical biochemist)

and

GORDANA DRAGANAC
(graduate pharmacist)
Dvanaesta godišnja naučna konferencija
održana je 1. decembra 2009. godine.
Nagrade iz Naučnog fonda „Profesor Ivan
Berkeš” dodeljene su:

JELENI PANTIĆ
(diplomiranom farmaceutu-medicinskom biohemičaru)
i
VLADIMIRU DOBRIČIĆU
(diplomiranom farmaceutu)

The Twelfth Annual Scientific Conference
was held on December 1, 2009. The awards
of the Scientific Foundation „Professor Ivan
Berkeš” were awarded to:

JELENA PANTIĆ
(graduate pharmacist-medical biochemist)
and
VLADIMIR DOBRIČIĆ
(graduate pharmacist)
Diploma
za vrhunski doprinos u oblastima farmacije i medicinske biohemije

Jeleni Pantić


Predsednik
Društva medicinskih biohemičara Srbije
Prof. dr Nada Majkić-Singh
Diploma
za vrhunski doprinos u oblastima
farmacije i medicinske biohemije

Vladimiru Dobričiću


Predsednik
Društva medicinskih biohemičara Srbije

Prof. dr Nada Majkić-Singh
The Thirteenth Annual Scientific Conference was held in Belgrade on November 16, 2010. It was dedicated to the 100th anniversary of the birth of Professor Ivan Berkeš, with the participation and presentations of experts from Belgrade (N. Majkić-Singh), Zagreb (S. Margetić), and Skopje (S. Efremova-Aaron), where Professor Ivan Berkeš lived and worked. Also, traditional awards of the Scientific Foundation „Professor Ivan Berkeš“ were awarded – monetary awards and diplomas to the best students of the Faculty of Pharmacy in Belgrade:

JELENA JOKŠIĆ
(graduate pharmacist-medical biochemist)

and

ZORA ĆETKOVIĆ
(graduate pharmacist)
Jelena Joksić i Zora Ćetković dobitnici nagrade na Trinaestoj godišnjoj naučnoj konferenciji sa Profesom Nado Majkić-Singh.
Award-winning students, Jelena Joksić and Zora Ćetković, at the Thirteenth Annual Scientific Conference with Professor Nada Majkić-Singh.

Igor Berkeš pozdravlja učesnike Naučne konferencije.
Igor Berkeš greets the participants of the Scientific Conference.

Predavači na Naučnoj konferenciji (s leva na desno): J. Bašić, S. Stanković, N. Majkić-Singh i S. Efremova-Aaron.
Lecturers at the Scientific Conference (left to right): J. Bašić, S. Stanković, N. Majkić-Singh and S. Efremova-Aaron.
He taught medical biochemistry at Universities in Zagreb, Skopje and Belgrade. His work at the Faculty of Pharmacy of the University of Belgrade was in great part directed towards the definition and foundation of the specialist studies program. Also, Professor Berkeš introduced Clinical Enzymology as an independent discipline. With over 200 publications, mentoring of 150 specialists in medical biochemistry and several tens of doctoral candidates, Professor Berkeš left an indelible mark in clinical laboratory profession in Serbia. After his death in 1997, the Society of Medical Biochemists of Yugoslavia and the Faculty of Pharmacy of the University of Belgrade founded the Scientific Foundation and Annual Scientific Conference named after him, as a sign of appreciation and respect for this remarkable teacher and eminent expert.

Awards from the Scientific Foundation „Professor Ivan Berkeš” are given yearly to the two best graduate students from the Faculty of Pharmacy of the University of Belgrade, one graduate in pharmacy, and the other in medical biochemistry. However 2011 called for a special event as the first students graduated according to the new syllabus harmonized with the Bologna declaration. Hence, this year the Foundation gave four diplomas and monetary awards; two to students graduated according to previous school system – Mladen Milović (pharmacy graduate) and Milena Anđelković (pharmacy-medical biochemistry graduate), and two to „Bologna graduates” – Ana Milojević (Master of pharmacy-medical biochemist) and Sanela Đorđević (Master of pharmacy). As it is customary, the lecturers were clinical laboratory professionals who have defended their doctoral thesis in the course of the past year at the Faculty of Pharmacy and Faculty of Medicine. This year, they were: Dr. Janko Pejović (Military Medical Academy, Belgrade), Dr. Marijana Dajak (Faculty of Pharmacy, University of Belgrade), Dr. Jasenka Laloš-Miljuš (Faculty of Medicine, University of Banja Luka) and Dr. Jelena Popović (Faculty of Medicine, University of Niš).

This Annual Scientific Conference and Foundation „Professor Ivan Berkeš” was established to honor life and work of Professor Ivan Berkeš, one of the founders of medical biochemistry in former Yugoslavia.
After the traditional welcoming address of Colonel Professor Marijan Novaković, Head of Military Medical Academy, and of Professor Nada Kovačević, Dean of Faculty of Pharmacy and Chair of the event, Professor Dr. Nada Majkić-Singh, presented awards.

With this successful conference, we remembered once again, the legacy of Professor Ivan Berkeš, whose students represent the core of science of medical biochemistry and clinical laboratory practice in Serbia today.
The XV Annual Scientific Conference „Professor Ivan Berkeš” was held on December 4th 2012 at Military Medical Academy in Belgrade. After the traditional welcoming address of Colonel Prof. Dr. Marijan Novaković, Head of Military Medical Academy, and Prof. Dr. Zorica Vujić, Dean of Faculty of Pharmacy, the chair of the event, Prof. Dr. Nada Majkić-Singh, together with the President of the SMBS, Dr. Zorica Šumarac, presented awards of the Foundation. This year’s recipients were:

MLADEN STANKOV,
(Master of pharmacy-medical biochemist)
and
MARIJA TODOSIJEVERIĆ
(Master of pharmacy).

Scientific Conference dedicated to the life of and work of the esteemed Prof. Dr. Ivan Berkeš, one of the founders of medical biochemistry in Yugoslavia, is organized every year under the auspices of the Society of Medical Biochemists of Serbia (SMBS), Scientific Foundation „Professor Ivan Berkeš”, Institute for Medical Biochemistry of the Clinical Center of Serbia, and Institute for Medical Biochemistry of the Military Medical Academy. The Conference is the occasion when the best graduate students of the Faculty of Pharmacy, University of Belgrade are awarded by the Scientific Foundation „Professor Ivan Berkeš”.

During the scientific part of the program, traditionally, this year’s defended doctoral thesis at the Faculty of Pharmacy and Faculty of
The opening lecture entitled „Enzymes: small machines in our life„ was presented by Prof. Dr. N. Nuray Ulusu from Ankara, Turkey. The four doctorates were presented by Dr. Zorica Šumarac (Faculty of Pharmacy, University of Belgrade), Dr. Radmila Obrenović (Faculty of Pharmacy, University of Belgrade), Dr. Sanja Stanković (Faculty of Pharmacy, University of Belgrade) and Dr. Zorica Dimitrijević (Faculty of Medicine, University of Niš), while Dr. Emina Čolak (Faculty of Pharmacy, University of Belgrade) presented her subspecialist thesis. The conference was closed with the promotion of the book „Clinical Enzymology“ by Prof. Dr. Nada Majkić-Singh.

The XVI Annual Scientific Conference „Professor Ivan Berkeš” was held on December 4th 2013 at Military Medical Academy in Belgrade. After the traditional welcoming address of Brigade General Prof. Dr. Marijan Novaković, Head of Military Medical Academy, and of Prof. Dr. Nataša Bogavac-Stanojević, Vice Dean of University of Belgrade School of Pharmacy, Dr. Zorica Šumarac, President of the Society of Medical Biochemists of Serbia, and Prof. Dr. Nada Majkić-Singh, Executive Director of the Society and Organizer of Scientific Conference, presented awards.

Awards from the Scientific Foundation „Professor Ivan Berkeš” are given yearly to the two best graduate students from the University of Belgrade School of Pharmacy. This years’ awards were presented to:

SANJA VUČKOVIĆ,
(Master of pharmacy-medical biochemist)
and
BILJANA ŠKORIĆ,
(Master of Pharmacy)

Scientific program of the Conference was dedicated to the presentation of doctoral thesis defended in the field of medical biochemistry at Schools of Pharmacy and Schools of Medicine of the Universities of Belgrade, Niš, and Novi Sad during the past year. This year’s four doctorates were „Factor analysis and association of lipid, inflammatory, cardiac, and renal biomarkers with C-reactive protein in cardiovascular risk categorization” presented by Dr. Snežana Jovičić, (School of Pharmacy, University of Belgrade), „Biomarkers of apoptosis and cell signaling in colon cancer pathogenesis” by Dr. Aleksandar Veljković (School of Medicine, University of Niš), „Correlation of biomarkers of lipid status, oxidative stress, and lifestyle changes in a student population” by Dr. Dragana Pap (School of Medicine, University of Novi Sad), and “Application of multi-marker approach to risk stratification among patients on dialysis” by Dr. Aleksandra Ignjatović (School of Medicine, University of Niš).

With this successful conference, medical biochemists of Serbia remembered once again, the legacy of Professor Ivan Berkeš, whose students represent the core of science of medical biochemistry and clinical laboratory practice in Serbia today.
S leva na desno: Ivan Berkeš unuk Prof. dr Ivana Berkeša, Prof. dr Nada Majkić-Singh, nagrađeni studenti – Biljana Škorić i Sanja Vučković, Prof. dr Svetlana Ignjatović i dr Zorica Šumarac (Beograd 2013. god.).

From left to right: Ivan Berkeš grandson of Prof. Dr. Ivan Berkeš, Prof. Dr. Nada Majkić-Singh, awarded students – Biljana Škorić and Sanja Vučković, Prof. Dr. Svetlana Ignjatović and Dr. Zorica Šumarac (Belgrade 2013).

Predavači Naučne konferencije (s leva na desno): dr Zorica Šumarac, dr Aleksandra Ignjatović, dr Dragana Pap, Prof. dr Nada Majkić-Singh, dr Janko Pejović, prof. dr Svetlana Ignjatović, dr Snežana Jovičić i dr Aleksandar Veljković.

Scientific Conference Speakers (from left to right) – Dr. Zorica Šumarac, Dr. Aleksandra Ignjatović, Dr. Dragana Pap, Prof. Dr. Nada Majkić-Singh, Dr. Janko Pejović, Prof. Dr. Svetlana Ignjatović, Dr. Snežana Jovičić and Dr. Aleksandar Veljković.
The XVII Annual Scientific Conference „Professor Ivan Berkeš” was held on December 2nd 2014 at Military Medical Academy in Belgrade. This Annual Scientific Conference and Foundation „Professor Ivan Berkeš” were established seventeen years ago to honor life and work of Professor Ivan Berkeš. He was one of the founders of medical biochemistry in former Yugoslavia and left an indelible trace in the basis of our profession. At the Faculty of Pharmacy University of Belgrade Professor Berkeš established the syllabus for post-graduate specialization in medical biochemistry. With over 200 publications, mentoring of 150 specialists in medical biochemistry and several tens of doctoral candidates, he immensely contributed to the development of clinical laboratory profession in Serbia. For the past seventeen years the Society of Medical Biochemists of Serbia (SMBS) and the Faculty of Pharmacy University of Belgrade honor his work through the Scientific Foundation and Annual Scientific Conference as a sign of appreciation and respect for this remarkable teacher and eminent expert. The Conference is organized under the auspices of the SMBS, Scientific Foundation „Professor Ivan Berkeš”, Faculty of Pharmacy University of Belgrade, Institute for Medical Biochemistry of the Clinical Centre of Serbia, and Institute for Medical Biochemistry of the Military Medical Academy.

The XVII Annual Scientific Conference „Professor Ivan Berkeš” was opened traditionally with the welcoming address of Prof. Dr. Nada Majkić-Singh, Executive Director of SMBS, the Brigade General Prof. Dr. Marjan Nova-
After the opening ceremony the scientific part of the Conference was traditionally dedicated to the presentation of doctoral thesis defended in the field of medical biochemistry at Faculty of Pharmacy during the past year. This year’s doctorates were „The association of oxidative stress, inflammation and dyslipidemia in the pathogenesis of age-related macular degeneration“ presented by Dr. Emina Čolak, „The importance preoperative and postoperative determination sepsis biomarkers for diagnosis and prognosis intraabdominal infections“ by dr Tatjana Vodnik, „Influence of inherited and
acquired factors on homocysteine blood level in patients with chronic obstructive pulmonary disease,“ by Dr. Andjelo Beletić, „Gene expression analyses of antioxidative enzymes in rats’ tissues and human blood: the influence of external factors and correlation with biochemical markers of oxidative stress” by Dr. Ana Ninić, „The significance of determination of symmetric-L-dimethylarginine and N-terminal pro B type natriuretic peptide in chronic kidney disease patients and renal transplant recipients” by Dr. Lidija Memon, and „Importance of pentraxin-3 determination in patients with angiographically proven coronary artery disease” by Dr. Vesna Vuković-Dejanović. The last lecture closed the XVII Annual Scientific Conference, leaving us assured in the bright future of medical biochemistry in Serbia thanks to the solid foundation Professor Berkeš left us with.

The Eighteenth in a row scientific conference „Professor Ivan Berkeš” was organized, as usual, by the Executive Director of the Society of Medical Biochemists of Serbia and the successor of Professor Berkeš in leading and guidance of Serbian Medical Biochemistry in the last thirty years, Professor Dr. Nada Majkić-Singh.

The annual activities of Society of Medical Biochemists of Serbia are traditionally wrapped up in December with the scientific conference dedicated to the life and work of one of the most prominent figures in medical biochemistry science and profession in former Yugoslavia. In this way, on December 03, 2015, Serbian medical biochemistry professionals remembered for the eighteenth time, their esteemed mentor and founder, since Professor Berkeš established post graduate program in medical biochemistry at the University of Belgrade School of Pharmacy. Under his leadership, several dozen candidates got their Master of Science and Doctoral degrees, and over 150 medical biochemists obtained their specialist degrees. Professor Berkeš authored over 200 papers in leading international and national journals, and several books.

The conference was held under the patronage of the Society of Medical Biochemists of Serbia, Scientific Foundation „Professor Ivan Berkeš”, and the Institute of Medical Biochemistry, Military Medical Academy. The chairs were Professor Svetlana Ignjatović, Dr Janko Pejović, and Dr Zorica Šumarac. Representative of the Head of the Military Medical Academy, Colonel Professor Zoran Šegrt welcomed the gathering and expressed his great admiration for medical biochemistry profession and honor for being the host of this important event for the eighteenth time. After the welcoming word of the Vice-Dean for Education of the University of Belgrade School of Pharmacy, Professor Marina Milenković, who emphasized the significance of Professor Berkeš’s work and the scientific conference, the awards of the Scientific Foundation were delivered to the best pharmacy students that graduated in the past year. This was also the part of tradition, since Scientific Foundation „Professor Ivan Berkeš” was established by the Society of Medical Biochemists of Serbia to support and award valedictorians of the two graduate programs of the University of Belgrade School of Pharmacy.
Profesor Nada Majkić Singh otvara Naučnu konferenciju (Beograd, 2015. god.).
Professor Nada Majkić-Singh addresses to the Scientific Conference participants (Belgrade, 2015).

Pukovnik Profesor Zoran Šegrt, načelnik Vojnomedicinske Akademije pozdravlja učesnike Konferencije.
Colonel Professor Zoran Šegrt, Head of the Military Medical Academy welcome the Conference participants.
This year’s laureates were:

BRANISLAVA ŠUPLJEGLAV  
(Master of pharmacy-medical biochemist)  
and  
MILAN MILOJEVIĆ  
(Master of pharmacy)

The scientific program of the Conference included presentations of doctoral thesis defended in the field of medical biochemistry at School of Pharmacy and School of Medicine of the Universities of Belgrade during the past year. The lectures in the first section were mostly dedicated to the research of the oxidative stress biomarkers. Dr. Danijela Ardalić presented the results of her thesis on indicators of oxidative stress, lipid profile, and status of the enzyme paraoxonase 1 in pregnancy without complication and after delivery. Indicators of oxidative stress and inflammation in chronic obstructive pulmonary disease patients with comorbidity was the topic of research presented by Dr. Ivana Stanojković. Dr. Nevena Kardum’s thesis investigated the impact of aronia juice on oxidative status' biomarkers and fatty acid profile in healthy subjects with or without risk factors for cardiovascular disease. Dr. Danica Ćujić presented her research of the effect of steroid hormones and their antagonists on galectins’ level in human trophoblast in vitro. The second section was mainly dedicated to research of the enzyme genetic polymorphisms. The role of genetic polymorphisms of glutathione transferases in the development of Balkan endemic nephropathy was the topic of research presented by dr Zorica Profesor Marina Milenković, Prodekan Farmaceutskog fakulteta se obraća učesnicima Konferencije. Professor Marina Milenković, Vice-Dean of The Pharmaceutical Faculty addresses to the Conference participants.
Laureat Branislava Šupljeglav sa Profesor Nado Majkić-Singh i dr Zorico Šumarac.
Laureate Branislava Šupljeglav with Professor Nada Majkić-Singh and Dr. Zorica Šumarac.

Laureat Milan Milojević sa profesor Nado Majkić-Singh i dr Zorico Šumarac.
Laureate Milan Milojević with Professor Nada Majkić-Singh and Dr. Zorica Šumarac.
The scientific conference was closed with the talk of Dr. Mirjana Milivojević on the clinical relevance of osteopontin in diagnosis of ovarian tumors. All lectures initiated vivid discussion among the most recent PhDs and interested audience, which was essential for another successful conference worthy of the memory of a respected mentor and world-renowned scientist.


The Nineteenth Annual Scientific Conference „Professor Ivan Berkeš” was held on 1 December 2016, under the patronage of the Society of Medical Biochemists of Serbia, Scientific Foundation „Professor Ivan Berkeš”, and the Institute of Medical Biochemistry of the Military Medical Academy. The participants of the Conference were welcomed by the Dean of the Faculty of Medicine of the Military Medical Academy, colonel Professor Dr. Nebojša Jović who
Pukovnik Prof. dr Nebojša Jović, dekan Medicinskog fakulteta Vojnomedicinske Akademije pozdravlja učesnike i radno predsedništvo Konferencije, s leva na desno: Prof. dr Nada Majkić-Singh, Prof. dr Svetlana Ignjatović, Prof. dr Janko Pejović i dr Zorica Šumarac (Beograd, 2016. god.).

Colonel Prof. Dr. Nebojša Jović, the Dean of the Faculty of Medicine of the Military Medical Academy, welcoming the audience with the chairs of the Conference, from left to right: Prof. Dr. Nada Majkić-Singh, Prof. Dr. Svetlana Ignjatović, Prof. Dr. Janko Pejović, and Dr. Zorica Šumarac (Belgrade, 2016).

Prof.dr Zorica Vujić, dekan Farmaceutskog fakulteta u Beogradu pozdravlja učesnike Devetnaeste naučne konferencije „Profesor Ivan Berkeš“.

Prof. Dr. Zorica Vujić, Dean of the Pharmaceutical Faculty of Belgrade University welcoming the audience of the 19th Annual Scientific „Professor Ivan Berkeš“ Conference.
expressed his great admiration for medical biochemistry profession and honor for being the host of this important event for the nineteenth time, and the Dean of the Faculty of Pharmacy of the University of Belgrade, Professor Dr. Zorica Vujić, who emphasized the significance of Professor Berkeš’s work and of this conference.

This year’s laureates of the annual award of the Foundation were the valedictorians of the two graduate programs of the Faculty of Pharmacy University of Belgrade:

ALEKSANDRA TIJANIĆ
(Master of pharmacy-medical biochemist)
and
MARIJA BANIĆEVIĆ
(Master of pharmacy)

The scientific program of the Conference included presentations of doctoral thesis defended in the field of medical biochemistry at Faculty of Pharmacy University of Belgrade, Faculty of Biology University of Belgrade, and Faculty of Medicine University of Niš during the past year. Dr. Neda Milinković presented the results of her thesis on the significance of the determination of biomarkers of bone
Aleksandra Tijanić, Master of Pharmacy-medical biochemist, laureate of the Scientific Foundation „Professor Ivan Berkeš“ with Prof. Dr. Nada Majkić-Singh and Dr. Zorica Šumarac.

Marija Banićević, Master of Pharmacy, laureate of the Scientific Foundation „Professor Ivan Berkeš“ with Prof. Dr. Nada Majkić-Singh and Dr. Zorica Šumarac.
resorption and formation in patients with end stage renal disease. Association between COMT, TNF-α, TNFR1, IL-1, and IL-10 genetic polymorphisms with a risk of early pre-eclampsia and its complication was the topic of research presented by Dr. Tijana Krnjeta, who was herself the laureate of the Foundation in the past. Dr. Gordana Dmitrašinović presented her thesis on the effect of magnesium on parameters of hypothalamic-pituitary-adrenal and hypothalamic-pituitary-gonadal axis activity in rugby players. The first section was closed with the presentation of Dr. Vesna Subota on immunomodulatory effects of anticoagulant warfarin in rats. The second section was opened with research results of Dr. Milica Despotović on polymorphisms in genes involved in inflammatory, antioxidative and immunoregulatory processes in patients with bronchial asthma. Another past laureate of the Foundation, Dr. Miron Sopić, presented his thesis on gene expression of adiponectin receptors AdipoR1 and AdipoR2, and adiponectin levels in blood of coronary disease patients and chronic kidney disease patients. The scientific conference was closed with the talk of Dr. Jasmina Ivanišević on the examination of inflammatory, oxidative stress and lipid status parameters in sarcoidosis patients. All lectures initiated vivid discussion among the most recent PhDs and interested audience, which was essential for another successful conference worthy of the memory of a respected Professor Ivan Berkeš.
The Twentieth Annual Scientific Conference was organized traditionally by Professor Dr. Nada Majkić-Singh, Professor Berkeš’ student and associate, who contributed the most to the remembrance of his legacy. The Conference was held 7 December 2017 at Faculty of Pharmacy, University of Belgrade, under the patronage of the Society of Medical Biochemists of Serbia, Scientific Foundation „Professor Ivan Berkeš” and the Faculty of Pharmacy University of Belgrade. It gathered over 200 participants – students, older colleagues who were the students of Professor Berkeš, young graduated medical biochemists, and teachers of the Faculty of Pharmacy. Traditional guests were the family members of Professor Berkeš – his son and grandson, with their families.

Professor Dr. Nada Majkić-Singh opened the Conference, with the opening welcome and word on its history and significance. On behalf of the Faculty of Pharmacy, the participants were welcomed by the Vice Dean, Professor Nataša Bogavac-Stanojević. After the opening words, the choir of students „The Raskovnik” performed, adding the festivity to the event.

The opening ceremony was closed by awarding the valedictorians of the two graduate programs of the Faculty of Pharmacy University of Belgrade:
TAMARA ANTONIĆ,
(Master of Pharmacy-
medical biochemist)
and
SANDRA TEŠIĆ
(Master of Pharmacy)

Prof. Dr. Nada Majkić-Singh and Professor Marina Milenković, the Vice Dean for Education, handed the awards to this year’s laureates.

Professor Svetlana Ignjatović and Professor Vesna Spasojević-Kalimanovska chaired the scientific part of the Conference. The program encompassed all of the three fields of the medical biochemistry curriculum – medical biochemistry, toxicological chemistry and sanitary chemistry. In the first part, the results of the ongoing scientific projects of the Faculty of Pharmacy and Ministry of Science, Education and Technological Development were presented. The speakers were Professor Aleksandra Zeljković (Assessment of LCAT and CETP activities as a tool for estimation of structural and functional properties of HDL particles) and Professor Mirjana Bećarević (Diagnostic and therapy of anti phospholipid syndrome). The second part was dedicated to the presentation of doctoral thesis presentations. Dr. Marina Pjanović presented her work on bone formation markers and vitamin D in pregnancy. Metabolic and immunological effects of administration of two Lactobacillus
Laureate of the “Professor Ivan Berkeš” Scientific Foundation, Tamara Antonić (in the middle) with Professor Marina Milenković (left) and Professor Nada Majkić-Singh (right).

Laureate of the “Professor Ivan Berkeš” Scientific Foundation, Sandra Tešić (in the middle) with Professor Marina Milenković (left) and Professor Nada Majkić-Singh (right).

Participants in the scientific part of the Conference with laureates (from left to right): assistant Milica Miljković, Professor Aleksandra Zeljković, Professor Vesna Matović, Professor Vesna Spasojević-Kalimanovska, Professor Nataša Bogavac-Stanojević, Tamara Antonić, Professor Marina Milenković, Professor Nada Majkić-Singh, Sandra Tešić, Professor Mirjana Bećarević, Professor Svetlana Ignjatović.

Profesor Nada Majkić-Singh i Sofija Marjanović sa studentima iz Tima medicinskih biohemičara (TMB).

Professor Nada Majkić-Singh and Sofija Marjanović with students from Team of Medical Biochemists Students (TMB).
strains in mice fed a high fat diet were presented by Dr. Ana Đurić. The Conference was closed with the presentation on the study on rats of cadmium and polychlorinated biphenyls mixture toxicity by Dr. Aleksandra Buha-Đorđević.

**Twenty first Annual Scientific Conference** was held on December 6, 2018 at Faculty of Pharmacy, University of Belgrade. Scientific Conference dedicated to the life and work of the esteemed Prof. Dr. Ivan Berkeš, one of the founders of medical biochemistry in former Yugoslavia, is organized for twenty one years now under the auspices of the Society of Medical Biochemists of Serbia (SMBS), and Scientific Foundation „Professor Ivan Berkeš”. The Conference is the occasion when the best graduate students of the Faculty of Pharmacy, University of Belgrade are awarded by the Scientific Foundation „Professor Ivan Berkeš”. The 2018 Annual Scientific Conference „Professor Ivan Berkeš” is the second co-organized and hosted by the Faculty of Pharmacy, University of Belgrade. It gathered over 200 participants–students, older colleagues who were the students of Professor Berkeš, young graduated

Professor Nada Majkić-Singh address to Professor Berkeš Scientific Conference participants.

Professor Slađana Šobajić, Faculty of Pharmacy Dean address to the Conference participants.

medical biochemists, and teachers of the Faculty of Pharmacy. Traditional guests were the family members of Professor Berkeš – his son and grandson, with their families. This traditional meeting of students and professors of the Faculty of Pharmacy, honouring the legacy of one of its most distinguished professors was held on 6 December 2018.

After the opening words of the organizer, Prof. Dr. Nada Majkić-Singh, the musical band of pharmacy students performed, adding the festivity to the event. Following the welcoming address of the Dean Prof. Dr. Slađana Šobajić, Prof. Dr. Majkić-Singh, together with the President of the SMBS, Dr. Zorica Šumarac, presented awards of the Foundation.

This year’s recipients were:

JELENA PAVLOVIĆ
(Master of Pharmacy-medical biochemist)
and
NATALIJA ARSIĆ
(Master of Pharmacy)

During the scientific part of the program, chaired by Prof. Dr. Svetlana Ignjatović, Prof. Dr. Vesna Spasojević-Kalimanovska, and Dr. Zorica Šumarac, this year’s defended doctoral thesis at the Faculty of Pharmacy of the University of Belgrade, were presented. This year, their doctoral theses also presented the colleagues from the Faculty of Medicine of the University of Banja Luka,
Profesor Vesna Spasojević-Kalimanovska najavljuje predavače.

Professor Vesna Spasojević-Kalimanovska introducing the lecturers.

Učesnici Konferencije.

Conference participants.
Dr Velibor Canić and Professor Sladana Šobajić.

Lecturers: Dragana Bačković and Iva Perović Blagojević.
Republic of Srpska – Bosnia and Herzegovina. The first speaker was Dr. Dragana Bačković, with her thesis on the influence of CYP2C19*2 gene variant on therapeutic response during clopidogrel treatment in patients with carotid artery stenosis. Dr. Dragana Puhalo Sladoje’s thesis was about the concentration of appetite regulators and adipocytokines in blood plasma adolescents with obesity and/or metabolic syndrome. Oxidative stress status in blood and lipoprotein fractions in patients with chronic kidney disease was the topic of the lecture of Dr. Milica Miljković. The lecture on risk factors for the occurrence and development of chronic obstructive pulmonary disease associated with oxidative stress in Serbian population by Dr. Živka Malić followed.

Redox disbalance and inflammation influence on PON1 activity and distribution at the HDL lipoprotein particles in polycystic ovary syndrome was presented by Dr. Iva Perović-Blagojević. The conference closed the doctorate of Dr. Vanja Todorović on antioxidant and antimicrobial potential of cocoa powder and its impact on mice behaviour after short-term and long-term supplementation.

The twenty second Annual Scientific Conference „Professor Ivan Berkeš” was co-organized and hosted by the Faculty of Pharmacy, University of Belgrade. It gath-
ered over 200 participants – students, older colleagues who were the students of Professor Berkeš, young graduated medical biochemists, and teachers of the Faculty of Pharmacy. Traditional guests were the family members of Professor Berkeš – his son and grandson, with their families. This traditional meeting of students and Professors of the Faculty of Pharmacy, honoring the legacy of one of its most distinguished professors, was held on 28 November 2019. Prof. Dr. Nada Majkić-Singh, traditionally the organizer, with her opening words greeted the participants and reminded us of the history, the idea of foundation, and the significance of the Conference, as well as of the life and work of the Professor Ivan Berkeš, whom it honors. Following the welcoming address of the Dean of the Faculty of Pharmacy, Prof. Dr. Slađana Šobajić, Prof. Dr. Majkić-Singh, presented awards of the Foundation.

This year’s recipients were:

TIJANA VUČKOVIĆ  
(Master of Pharmacy-medical biochemist) and
TEODORA BULOG  
(Master of Pharmacy).

During the scientific part of the program, chaired by Prof. Dr. Svetlana Ignjatović and Prof. Dr. Vesna Spasojević-Kalimanovska, this year’s defended doctoral thesis at the Departments of Medical Biochemistry and Toxicology of the Faculty of Pharmacy, University of Belgrade, were presented. This year, their doctoral theses also presented the colleagues from the Departments of Biochemistry of the Faculty of Medicine, University of Niš and of the Faculty of Medicine, University of Novi Sad. The first speaker was Dr. Tamara Gojković, with her thesis on the influence of the importance of cholesterol synthesis and absorption markers determination in healthy subjects and patients with ischemic heart disease. Dr. Daniijela Ristovski Kornić’s thesis was about the determination of myeloperoxidase and lipoprotein subclasses distribution in children and adolescents with chronic kidney disease.

Antidotal efficacy of newly synthesized oximes K203 and K027 in rats acutely exposed to dichlorvos was the topic of the lecture of Dr. Evica Antonijević. The lecture on the effect of melatonin on parameters of oxidative damage, inflammation and neoangiogenesis in the retina of rats with streptozotocin/nicotinamide induced type 2 diabetes mellitus by Dr. Branka Djordjević followed. The conference closed the doctorate of Dr. Dragana Milošević on the connection between selected parameters of complete blood count, glycoregulation and the presence of degenerative complications in type 2 diabetes mellitus.
Laureat of the award Teodora Bulog, Master of Pharmacy, with Prof. Dr. Nada Majkić-Singh.

Laureat of the award Tijana Vučković, Master of Pharmacy-medical biochemist, with Prof. Dr. Nada Majkić-Singh.
Laureati, predavači i predsedavajući Konferencije (s leva na desno): Tijana Vučković, Teodora Bulog, Prof. Svetlana Ignjatović, Prof. Vesna Spasojević-Kalimanovska, dr Danijela Ristovski-Kornic, Prof. Nada Majkić-Singh, dr Evica Antonijević, dr Dragana Milošević, dr Branka Đorđević, i dr Tamara Gojković.

Laureats, lecturers and chairs of the Conference (from left to right): Tijana Vučković, Teodora Bulog, Prof. Dr. Svetlana Ignjatović, Prof. Dr. Vesna Spasojević-Kalimanovska, dr Danijela Ristovski-Kornic, Prof. Dr. Nada Majkić-Singh, Dr. Evica Antonijević, Dr. Dragana Milošević, Dr. Branka Đorđević, and Dr. Tamara Gojković.
Laureats of the Scientific Foundation Professor Ivan Berkeš in 2020

Awards from the Foundation "Professor Ivan Berkeš" in 2020 were awarded to the best students of Faculty of Pharmacy, University of Belgrade graduated in the school year 2019/2020. This year recipients were:

MILENA SIMIĆ  
(Master of Pharmacy—medical biochemists)  
and  
MILAN BELJKAŠ  
(Master of Pharmacy)

Due to COVID-19 pandemic Twenty third Annual Scientific Congfeerence is not organised.

Milena Simić, laureat Naučnog Fonda "Profesor Ivan Berkeš" sa Profesor dr Nadom Majkić-Singh.  
Milena Simić, Laureat of the Scientific Foundation "Professor Ivan Berkeš" with Professor Dr. Nada Majkić-Singh.

Milan Beljkaš, laureat Naučnog Fonda "Profesor Ivan Berkeš" sa Profesor dr Nadom Majkić-Singh.  
Milan Beljkaš, Laureat of the Scientific Foundation "Professor Ivan Berkeš" with Professor Dr. Nada Majkić-Singh.
Profesor dr Nada Majkić-Singh sa Milenom Simić i Milanom Beljkašem, laureatima Naučnog Fonda „Profesor Ivan Berkeš“.
Professor Dr. Nada Majkić-Singh with Milena Simić and Milan Beljkaš, Laureats of the Scientific Foundation „Professor Ivan Berkeš“.

Professor Dr. Nada Majkić-Singh with (from left to right): Alma Zuković, Milena Simić, Milan Beljkaš and Sofija Marjanović after receiving the Diploma of the Scientific Foundation Professor Ivan Berkeš (Society of the Medical Biochemists of Serbia, Belgrade, December 16, 2020).
Diploma
za vrhunski doprinos u oblastima farmacije i medicinske biohemije

Mileni Simić

Predsednik
Društva medicinskih biohemičara Srbije
Zorica Šumac
Prim. dr sci. Zorica Šumarac

Direktor
Društva medicinskih biohemičara Srbije
Prof. dr Nada Majkić-Singh
Diploma
za vrhunski doprinos u oblastima farmacije i medicinske biohemije

Milanu Beljkašu

Predsednik
Društva medicinskih biohemičara Srbije
Zorica Šumarić
Prim. dr. sci. Zorica Šumarić

Direktor
Društva medicinskih biohemičara Srbije
Prof. dr. Nada Majkić-Singh
LAUREATI FONDA: GDE SU I ŠTA RADE?

THE WINNERS OF THE SCIENTIFIC FOUNDATION AWARD: WHERE THEY ARE AND WHAT THEY DO?
Appearance of the Diploma granted to the best Pharmacy graduated students.
Dvadesetdruga godišnja naučna konferencija

Posvećena životu i delu Profesora Ivana Berkeša

Organizator
Prof. dr Nada Majkić-Singh

Twenty Second Annual Ivan Berkeš Conference

Dedicated to Professor Ivan Berkeš life and work

Organizer
Professor Nada Majkić-Singh
<table>
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<th>Naučna konferencija</th>
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<th>Školska godina</th>
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<tr>
<td>Prva</td>
<td>Vesna Vuković, diplomirani farmaceut-medicinski biohemičar</td>
<td>1997/98</td>
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<tr>
<td></td>
<td>Nebojša Cekić, diplomirani farmaceut</td>
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<td>Druga</td>
<td>Sonja Bulajić, diplomirani farmaceut-medicinski biohemičar</td>
<td>1998/99</td>
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<td></td>
<td>Ivan Kovačević, diplomirani farmaceut</td>
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<td>Treća</td>
<td>Iva Perović, diplomirani farmaceut-medicinski biohemičar</td>
<td>1999/00</td>
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<td>Danijela Đukić, diplomirani farmaceut</td>
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<td>Četvrta</td>
<td>Ana Đurović, diplomirani farmaceut-medicinski biohemičar</td>
<td>2000/01</td>
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<td>Marija Stanojević, diplomirani farmaceut</td>
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<tr>
<td>Peta</td>
<td>Anđelo Beletić, diplomirani farmaceut-medicinski biohemičar</td>
<td>2001/02</td>
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<td>Ana Korać, diplomirani farmaceut</td>
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<td>Šesta</td>
<td>Srđan Dragović, diplomirani farmaceut-medicinski biohemičar</td>
<td>2002/03</td>
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<td>Igor Popović, diplomirani farmaceut</td>
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<td>Sedma</td>
<td>Ana Đorđević, diplomirani farmaceut-medicinski biohemičar</td>
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<td>Marija Petronijević, diplomirani farmaceut</td>
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<td>Osma</td>
<td>Marko Racković, diplomirani farmaceut-medicinski biohemičar</td>
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<td>Sladana Stanojković, diplomirani farmaceut</td>
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<td>Deveta</td>
<td>Tijana Krnjeta, diplomirani farmaceut-medicinski biohemičar</td>
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<td>Dragana Tašić, diplomirani farmaceut</td>
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<td>Deseta</td>
<td>Miron Sopić, diplomirani farmaceut-medicinski biohemičar</td>
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<td>Ivana Kocić, diplomirani farmaceut</td>
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<td>Jedanaesta</td>
<td>Jelena Parezanović, diplomirani farmaceut-medicinski biohemičar</td>
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<td>Gordana Draganac, diplomirani farmaceut</td>
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<tr>
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<td>Dvanaesta</td>
<td>Jelena Pantić, diplomirani farmaceut-medicinski biohemičar Vladimir Dobričić, diplomirani farmaceut</td>
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<td>Trinaesta</td>
<td>Jelena Joksić, diplomirani farmaceut-medicinski biohemičar Zora Ćetković, diplomirani farmaceut</td>
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<td>Četrnaesta</td>
<td>Milena Andelković, diplomirani farmaceut-medicinski biohemičar Mladen Milović, diplomirani farmaceut Ana Milojević, magistar farmacije-medicinski biohemičar Sanela Đorđević, magistar farmacije</td>
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<td>Petnaesta</td>
<td>Mladen Stankov, magistar farmacije-medicinski biohemičar Marija Todosijević, magistar farmacije</td>
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<td>Šesnaesta</td>
<td>Sanja Vučković, magistar farmacije, medicinski biohemičar Biljana Škorić, magistar farmacije</td>
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<td>Sedamnaesta</td>
<td>Sanja Kandić, magistar farmacije-medicinski biohemičar Dušan Ružić, magistar farmacije</td>
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<td>Osamnaesta</td>
<td>Branislava Šupljeglav, magistar farmacije-medicinski biohemičar Milan Milojević, magistar farmacije</td>
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<td>Devetnaesta</td>
<td>Aleksandra Tijanić, magistar farmacije-medicinski biohemičar Marija Banićević, magistar farmacije</td>
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<td>Dvadeseta</td>
<td>Tamara Antonić, magistar farmacije-medicinski biohemičar Sandra Tešić, magistar farmacije</td>
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<td>Dvadeset prva</td>
<td>Jelena Pavlović, magistar farmacije-medicinski biohemičar Natalija Arsić, magistar farmacije</td>
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<td>Dvadeset druga</td>
<td>Tijana Vučković, magistar farmacije-medicinski biohemičar Teodora Bulog, magistar farmacije</td>
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<td>2020</td>
<td>Milena Simić, magistar farmacije-medicinski biohemičar Milan Beljkaš, magistar farmacije</td>
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</table>
Vesna Vuković-Dejanović was born on October 26, 1973 in Belgrade. She completed elementary and high school in Aranđelovac. She enrolled at the Faculty of Pharmacy of the University of Belgrade in school year 1992/1993, and graduated as a graduate pharmacist-medical biochemist in 1997, with an average grade of 9.59. Received the annual award „Professor Ivan Berkeš” as the best student, graduate pharmacist – medical biochemist in the school year 1997/1998. She was employed as an assistant trainee in the Department of Bromatology at the Faculty of Pharmacy, and then worked at the Institute of Medical Biochemistry of the Military Medical Academy. Since 2008, Vesna Vuković-Dejanović has been the Head of the laboratory of the Department of Cardiac Rehabilitation at the Institute for Rehabilitation in Belgrade. She passed the specialist exam in the field of Medical Biochemistry in 2003 with an excellent grade. She defended her master's thesis entitled „The importance of determining pentraxin-3 in patients with angiographically proven coronary heart disease” in 2014. Vesna Vuković-Dejanović is in the final phase of preparing a doctoral thesis in the field of Medical Biochemistry entitled „Examination of inflammatory markers of pentraxin 3, cyclophilin A and heparin-binding epidermal growth factor in patients with acute myocardial infarction with ST-elevation”, as well as subspecialist studies from Clinical enzymology. Since 2017, she has held the title of Primaries. She has 14 scientific papers published in extenso, and she had 8 announcements at scientific meetings in the country and abroad.
Nebojša Cekić

Sonja Bulajić


Sonja Bulajić

was born on November 8, 1972 in Nikšić. She completed elementary and high school in Nikšić. She enrolled in the Faculty of Pharmacy in Belgrade (Master of pharmacy-medical biochemistry) in 1991, and graduated in 1998. She received the „Prof. Dr. Ivan Berkeš” award as the best student, graduate pharmacist-medical biochemist, of the class 1998/99. In the period from 1999 to 2003 Sonja Bulajić worked as an alcoholic beverages quality control manager in the factory of alcoholic beverages and wines Neksan, Nikšić, and after that in the pharmacy Elekta, Podgorica (in the period from 2003 to 2004). She worked as a production director in the period from 2004 to 2011, in the companies ICN Montenegro, Podgorica, Novit pharm, Podgorica and Galenika Montenegro, Podgorica. In the period from 2011 to 2019, she worked as the head of the
Production sector of the pharmaceutical factory Galenika Montenegro, Podgorica. Since 2019, she has been employed at the Agency for Medicines and Medical Devices of Montenegro, Podgorica, which has been transformed into the Institute for medicines and medical devices, in the second half of 2020. Since 2020, she has been working as the head of the Inspectorate at the Institute for Medicines and Medical Devices of Montenegro. Sonja Bulajić completed the specialist academic studies in Pharmaceutical Management and Marketing in 2016, and the specialist academic studies in Release of Medicinal Products on the Market in 2020.

Ivan Kovačević

was born 9 March 1974 in Prokuplje, where he finished elementary school and high school as a student of generation. He enrolled at the Faculty of Pharmacy in Belgrade in 1993 and graduated in 1999. He received the award of „Prof. Dr. Ivan Berkeš” as the best student graduated in 1999. Ivan Kovačević obtained his PhD title in 2010 in the field of application of in silico models in biopharmaceutical drug characterization. He completed his specialization in clinical pharmacy in the field of therapeutic drug monitoring of antidepressants in 2008. In 2006 he obtained the title of Master of Science in the field of clinical pharmacokinetics. Ivan Kovačević currently works the Research and Development (R&D) department of GlaxoSmithKline (GSK) Biologicals in Belg.
belgian and is involved in vaccines clinical safety and pharmacovigilance. He was in role of medical director and was responsible for regulatory aspects in the GSK representative office in Belgrade (2010–2018). Ivan worked as the director of the National Centre for Pharmacovigilance at the Agency for Medicines and Medical Devices of Serbia (ALIMS), and worked as an expert in the field of pharmacovigilance (2003–2010). He worked at the Faculty of Pharmacy as an assistant in teaching and research from 1999 to 2003. Ivan Kovačević was a visiting researcher at the Institute for Pharmaceutical Technology and Bio-pharmacy, Johannes Gutenberg University of Mainz in 2008. He also participated in 2 research projects at the Ministry of Science of the Republic of Serbia in the field of clinical and pharmacological studies of the effects and interactions of drugs as well as biopharmaceutical characterization of drugs. He participated in a twinning project between the Agency for Medicines and Medical Devices of Serbia and the French Agency for Health Product Safety (2007–2009). Ivan Kovačević had the academic title of „research associate“ at the Faculty of Pharmacy, University of Belgrade, from 2013 to 2017. He was also a member of the ALIMS Commission for the Renewal of Marketing Authorizations (2006–2010). He is the author or co-author of one chapter in the book, 15 papers and 20 presentations presented at national and international congresses and symposia.
Iva Perović Blagojević

je rođena 17. 09. 1972. godine u Beogradu. Osnovnu školu „Vuk Karadžić“ i srednju školu, V beogradsku gimnaziju, završila je sa odličnim uspehom. Farmaceutski fakultet u Beogradu, smer diplomirani farmaceut – medicinski biohemičar upisala je 1991. godine, a diplomirala je 2000. godine. Dobitnik je nagrade „Prof. dr Ivan Berkeš“ kao najbolji student diplomirani farmaceut – medicinski biohemičar u školskoj 1999/2000 godini. Od avgusta 2000. godine zaposlena je u Službi za laboratorijsku dijagnostiku, Odsek biohemije, KBC „Dr Dragiša Mišović-Dedinje“. Specijalističke studije iz Medicinske biohemije na Farmaceutskom fakultetu u Beogradu završila je 2011. godine i iste godine je postavljena na mesto šefa Odseka biohemije. Titulu doktora medicinskih nauka – farmacija stekla je 2018. godine. Subspecijalističke studije iz Laboratorijske endokrinologije na Farmaceutskom fakultetu u Beogradu završila je 2020. godine. 2016. godine izabрана je за члана IO DMBS у цijем сазиву и дanas. Џањ та у компужар у的地斯јадама згоди je bila u dva mandata. Od 2016. godine, Iva Perović Blagojević je aktivni члан Organizacionog odbora Srpskog kongresa medicinske biohemije i laboratorijske medicine. У току своје професионалне каријере учествовала је као ко-истраживаč у CIBIS-ELD студији (мај 2007. godine – февруар 2008. godine) коју је организовала Med. Klinik mit Schwerpunkt Kardiologie, Berlin, Germany (Competence Network Heart Failure). Учествовала је на бројним стручним састанима у организацији DMBS и Farmaceutske komore Srbije, kao и на Dr. Ivan Berkeš“ annual award as the best student of the class 1999/2000. She has been employed in the Laboratory Diagnostics Division, Department of Biochemistry, Clinical Hospital Centre „Dr Dragiša Mišović-Dedinje“ since August 2000. She completed specialist studies in Medical Biochemistry at the Faculty of Pharmacy in Belgrade in 2011 and in the same year she was appointed Head of the Department of Biochemistry. Iva Perović Blagojević has acquired the Ph.D title in 2018. In 2020, she completed narrower specialist studies in Laboratory Endocrinology at the Faculty of Pharmacy in Belgrade. In 2016, she was elected a member of the Society of Medical Biochemists of Serbia (SMBS) Executive Board, in whose convocation she is still today. She was a member of the Assembly of the Chamber of Biochemists of Serbia for two terms. Since 2016, Iva Perović Blagojević has been an active member of the Organizing Committee of the Serbian Congress of Medical Biochemistry and Laboratory Medicine. During her professional career, she participated as a co-researcher in the CIBIS-ELD study (May 2007-February 2008) organized by Med. Clinic with Schwerpunkt Kardiologie, Berlin, Germany (Competence Network Heart Failure). She has participated in numerous
professional meetings organized by the SMBS and the Pharmaceutical Chamber of Serbia, as well as the congresses of the SMBS, EFLM and IFCC. During 2013 and 2014, she organized and was a lecturer at two courses at CHC „Dr Dragiša Mišović-Dedinje“: „Novelties in laboratory diagnostics-possibilities of the Department of Biochemistry“ and „Chronic kidney disease-principles of clinical-laboratory monitoring, risk factors and complications“. Also, in 2019, she participated as a lecturer at the XXVII BCLF meeting and the XXX National Congress of the Turkish Society of Biochemists (TBS). Her research interest is focused on the pathophysiological mechanisms in PCOS and the association of the syndrome with cardiovascular risk.

Danijela Đukić-Ćosić

was born on January 29, 1976 in Šabac. She enrolled at the Faculty of Pharmacy in Belgrade (module: Pharmacy) in 1995, and graduated in 2000. Danijela Đukić-Ćosić received „Professor Ivan Berkeš“ annual award as the best student of the class 1999/2000. She received her PhD from the same faculty in 2011 and completed specialist academic studies in 2014. She has won several scholarships and awards during her studies and previous scientific research work. She has been employed at the Department of Toxicology „Akademik Danilo Soldatović“ at the University of Belgrade – Faculty of Pharmacy since 2000. She was elected assistant professor in 2013, and associate professor in 2018. She is also a guest lecturer at the
Faculty of Medicine, University of Banja Luka, Department of Pharmacy. She actively participates in national and international projects. She managed an international bilateral project with Slovenia, was a member of a bilateral project with Croatia and participated in the Erasmus + project (ReFEEHS). She is currently the coordinator for Serbia in CEEPUS III activity for the University of Belgrade – Faculty of Pharmacy, a participant in the project of the Medical Faculty of the University of Banja Luka and is engaged in the national project PROMIS (DecodExpo). Areas of her scientific interest are toxicology of metals, endocrine disruptors, mechanisms of toxicity, toxicology of mixtures, computational toxicology, as well as human health risk assessment (safety assessment of cosmetic products). So far, as an author and co-author, she has published more than 150 scientific and professional publications. She is an author of the textbook „Interprofessional Education” for students of all medical profiles, auxiliary textbooks “Psychoactive Substances of Abuse: Handbook for practical classes” and „Practicum in general toxicology“, as well as the monograph „The role of oxidative stress in cadmium toxicity“. She is also the author of the publication „Momčilo St. Mokranjac - chemist, professor, and toxicologist“. This publication was a part of the accompanying material for the exhibition organized by the SANU-Serbian Academy of Sciences and Arts on the occasion of the 120th anniversary of the birth of the founder of toxicology in Serbia, Prof. Dr. Momčila St. Mokranjac, son of the famous Serbian composer Stevan Mokranjac. She organized an expert meeting „Toxicology in practice and education: yesterday, today, tomorrow” on
Ana Radović (born Đurović)

was born on 06. 05. 1973 in Nikšić, Montenegro, where she finished elementary school „Luka Simonović“ and Gymnasium of mathematics and natural sciences. She received the prestigious diploma „Luća“ for her academic success of obtaining the highest grades in all of her classes throughout primary and secondary schools. Ana enrolled in the Faculty of Pharmacy in Belgrade in 1991 where she studied medical biochemistry and graduated in 2001. She received an annual award „Prof. Dr. Ivan Berkeš“ for being the best student of the class 2000/2001. Ever since completing her higher education stud-
practice regarding laboratory hematology and hemostasis, with special reference to the laboratory diagnosis of anemia, monitoring of oral anticoagulant drugs and laboratory diagnosis of antiphospholipid syndrome. For the past six years Ana has been working in the department of urgent laboratory diagnostics KCS, where she has exhibited interest for laboratory tracking of cardiovascular risks in hemodialysis patients who are being treated in this institution; the same interest which she displayed through her master’s graduate thesis.

Marija Ilić (Stanojević)
was born on 28th July 1976 in Belgrade, where she completed elementary and high school. She enrolled in the Faculty of Pharmacy, University of Belgrade in 1995, and graduated in 2000. Marija Ilić received award as the best student in the class graduated at Faculty of Pharmacy in 2000 and „Prof. Dr. Ivan Berkeš“ scientific foundation award as the best student of the class 2000/2001. She was working as Research and teaching assistant at Department of Pharmaceutical Technology and Cosmetology, Faculty of Pharmacy, from 2001 to 2005, where she acquired the M.Sc. title in 2005. From 2005 to 2010 she was working as Senior Assessor at Medicines and Medical Devices Agency of Serbia, responsible for evaluation of quality and safety documentation, as well as bioequivalence studies. She was a member of the Committee for marketing authorisation renewal

Marija Ilić completed PhD studies in Pharmaceutical Technology in 2015 and received scientific expert title in 2017. From 2018 she is working as Regulatory Affairs Manager for medicines at Abela Pharm, and from 2019 as Head of Regulatory Affairs.
Ana Korać Trkulja was born in December 12, 1976 in Belgrade where she also completed elementary and high school. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy program) in 1995 and graduated in 2001. Ana received „Prof. Dr Ivan Berkeš“ annual award as the best student in class 2001/2002. From 2001–2011 Ana worked at the pharmaceutical company Roche in Belgrade where she held various positions including Oncology Business Unit Director from 2005–2011. Ana continued her education in London from 2012–2014 where she earned the MBA diploma from London Business School. Since 2015 Ana has been
School. Od 2015. godine radi u Londonu kao direktor u globalnom konsalting timu kompanije IQVIA koja je svetski lider u oblasti usluga, podataka i tehnologija u zdravstvu. U IQVIA-i Ana trenutno vodi velike globalne projekte iz oblasti kao što su strategija razvoja i lansiranja novih lekova i medicinskih uređaja, digitalne tehnologije u zdravstvu, razvoj biotehnoloških kompanija, itd. Ana takođe ima bogato iskustvo kao poslovni savetnik i mentor internacionalnih start-up kompanija kako iz oblasti zdravstva tako i drugih industrija.

Srđan Dragović

je rođen 14. 06. 1977. godine u Beogradu. U osnovnoj školi je bio Vukovac i đak generacije, a u Trećoj beogradskoj gimnaziji je bio Vukovac. Famaceutski fakultet je upisao 1996. godine, a diplomirao 2003. godine. Dobitnik je nagrade „Prof. dr Ivan Berkeš” kao najbolji student diplomirani farmaceut – medicinski biohemičar u školskoj 2002/2003. godini. Od 2005. godine je na doktorskim studijama na Vanderbilt University u Nešvilu, Tenesi na smeru za mikrobiologiju i imunologiju. Doktorat brani 2011. godine pod nazivom „Proteasomes, TAP, and endoplasmic reticulum-associated aminopeptidase associated with antigen processing (ERAAP) control CD4+ Th cell responses by regulating indirect presentation of MHC class II-restricted cytoplasmic antigens“. Nakon toga, odlazi na postdoktorske studije iz immunologije sa parazitologijom (malaria) na Yale University u Nju Hejvenu, Konektikat i objavljuje rad working as Associate Principal in IQVIA global consulting team in London. IQVIA is the world leader in providing services, data and technology to the broad spectrum of healthcare clients and Ana is currently leading large scale global projects focusing on drug development and launch strategy, digital health, medical devices, emerging biopharma, etc. Ana also has a rich experience as start-up business advisor and mentor both in healthcare and other industry sectors.

Srđan Dragović

was born 14. 06. 1977 in Belgrade. He was Vukovac and the best student of the generation in the elementary school, and he was Vukovac in Third Belgrade High School. He enrolled University of Belgrade Faculty of Pharmacy in 1996 and graduated in 2003. He received the award „Prof. Dr. Ivan Berkeš“ as the best student in pharmacy-medical biochemistry in 2002/2003. Since 2005, he attended graduate studies in microbiology and immunology at Vanderbilt University in Nashville, TN. He defended his PhD thesis in 2011 titled „Proteasomes, TAP, and endoplasmic reticulum-associated aminopeptidase associated with antigen processing (ERAAP) control CD4+ Th cell responses by regulating indirect presentation of MHC class II-restricted cytoplasmic antigens“. After that, he went to postdoctoral studies in immunology with parasitology (malaria) at Yale University in New Haven, CT, where he published first-author paper „Immunization with AgTRIO, a
Igor Popović

was born on 21. 11. 1979 in Trgovište. He completed high school in Leskovac, enrolled in the Faculty of Pharmacy in Belgrade in 1998, and graduated in 2003. Igor Popović received „Prof. Dr Ivan Berkeš” annual award as the best student of the class 2002/2003. Additionally, Igor Popović has acquired the Ph.D. title in 2010. With regard to professional career he worked at Medicines and medical devices agency of Serbia at various positions (the head of phyto-laboratory; expert for quality evaluation of medicines; the head of pharmaceutical department). Since 2016 he has been working as assessor (expert for evaluation of documentation with regard to quality of drug substances) at European Directorate for Quality of Medicines (EDQM), Council of Europe in Strasbourg. He published 6 scientific papers in international journals and kept various lectures at international symposiums.
Ana Đorđević-Vujičić
Marija Makojević (born Petronijević)

was born in 27.08.1978 in Kragujevac. She graduated in 2003 from the Faculty of Pharmacy, University in Belgrade. As the best graduated student 2003/04 she won the award of the Scientific Fund „Professor Ivan Berkeš“. She specialized in 2008 in pharmaceutical care, and defended her PhD thesis „Pharmacoepidemiological study of spontaneously reported hepatotoxic reactions of drugs and herbal dietary supplements“ in 2013 at the Faculty of Pharmacy, University in Belgrade. At the beginning of her professional career she worked as a teaching and research assistant at the Faculty of Pharmacy in Belgrade – Institute of Pharmaceutical Technology and Cosmetology in 2003/04, and Institute of pharmacokinetics from 2005 to 2007. Thereafter, Marija Makojević moved to the

Marko Racković

Marko Racković was born on 05. 05. 1980 in Ruma where he completed elementary school and Gymnasium „Stevan Puzić” He enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 1999, and graduated in 2004. Marko Racković received „Prof. Dr Ivan Berkeš” annual award as the best student of the class 2004/2005. From 2005–2007 he worked in company Makler Ltd. from Belgrade, at the...
Slađana Simić worked as an Oncology Specialist. She completed MBA studies from 2014–2016 with a degree from Cardiff Metropolitan University. From 2019 she is working for PharmaSwiss, where she currently works as Product Manager. In her career in the pharmaceutical industry, Slađana Simić had the opportunity to work on the promotion of products from different therapeutic areas – diabetes, osteoporosis, dermatology, psychiatry, oncology and urology. Her responsibilities were in the fields of marketing and sales within the pharmaceutical business. She is currently in charge of marketing Pharma Swiss oncology portfolio.

Tijana Krnjeta Janićijević

was born on 06.06.1981 in Belgrade. She completed elementary and high school in Belgrade. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 2000, and graduated in 2006. Tijana Krnjeta Janićijević received „Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2005/2006. She worked at Makler d.o.o., in period between 2007 and 2009, as Product Specialist Clinical Chemistry and Immunohemistry. From 2009 until 2014, Roche Diagnostics PO Serbia employed her as a Product Specialist for Immunology, Clinical Chemistry & Indication Marketing. From 2014 until 2016, she worked at Roche d.o.o. Beograd as Medical Marketing and Product Support Manager. From 2016, she has been
working as International Medical Affairs Manager for cardiac biomarkers, heart failure, in Global Medical and Scientific Affairs at Roche Diagnostics International, Switzerland, responsible for creating and driving the global medical strategy for heart failure biomarkers, which covers planning and execution of global clinical studies, key opinion leader’s engagement and planning of global educational activities. Tijana Krnjeta Janičijević has acquired the Ph.D. title in 2016. She was the author of two research papers in international and national journals from her PhD research, as well as author of 12 scientific communications at international or national congresses. During her career, she has been collaborating with Heart Failure Association (HFA), European Society of cardiology (ESC) and European Association for Study in Diabetes (EASD) on several educational projects as well as being the lead for Roche Symposium proCardio 2016. She is currently leading global studies Asian Diabetes Outcomes Prevention Trial (ADOPT) and Safety, Tolerability and efficacy of Rapid Optimization, helped by NT-proBNP and GDF-15, of Heart Failure therapies (STRONG-HF). Her scientific research includes use of cardiac biomarkers in improved heart failure management.
Dragana Stanković (born Tašić)

was born on 23.01.1982 in Vranje. She completed elementary and high school in Vladičin Han. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy) in 2000, and graduated in 2006. Dragana Stanković received “Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2005/2006, and University of Belgrade annual award as best student of Faculty of Pharmacy of the class 2005/2006. She has been employed at pharmaceutical company Pharmanova from 2007 till 2010 in quality assurance department, where she was involved in implementation of GMP and HACCP standard in new company production plant. In 2012, Dragana Stanković finished specialist academic studies in Industrial pharmacy, with specialist work “Responsibility and duties of Qualified Person”. Since 2010, she has been employed in pharmaceutical company PharmaS as production manager and person responsible for production. During her professional career, Dragana Stanković had one of key role in designing, planning and realisation of the project of construction new plant for drug production in Zrenjanin. Her professional work is focused in planning, control and optimization of drug production and distribution process, as well as in continuous business improvement respecting current Good Manufacturing and Good Distribution practices guidelines.
Miron Sopić


Miron Sopić

was born on 07. 08. 1982 in Sarajevo. He completed elementary and high school in Belgrade. He enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 2001, and graduated in 2007. Miron Sopić received „Prof. Dr. Ivan Berkeš“ annual award as the best student of the class 2006/2007. He has been employed at the Department of Medical Biochemistry, Faculty of Pharmacy in Belgrade since 2007. Miron Sopić has acquired the Ph.D. title in 2016. In 2017, he was promoted to assistant professor. During his academic career, Miron Sopić took part in two national and several international research projects. Since 2017, Miron is an active member of The Scientific Board of Serbian Congress of Medical Biochemistry and Laboratory Medicine. In 2018, he was a member of Scientific Committee of „Laboratory Medicine: Meeting the Needs of Mediterranean Nations“ congress organized by IFCC, FIFBCML, EFLM and AFCB. He initiated the formation of the Committee for young researchers, modelled after IFCC Task Force Young Scientists, which operates under auspices of Society for Medical Biochemists of Serbia. In 2019, he was guest lecturer at the Department for Clinical Biochemistry, Faculty of Pharmacy, University of Ljubljana. Currently, he is MC substitute in COST Action (CA17129 – CardioRNA) and co-coordinator for Serbian partner at the CEEPUS III project. His research interest is focused on the investigation of molecular mechanisms linking inflammation, aging, and cardio-metabolic diseases.
Ivana Smiljanić (maiden name Kocić) was born on 03. 01. 1982 in Aleksinac, where she completed elementary and high school. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy) in 2001, and graduated in 2007 with an average grade 9.81. In 2002, she got a scholarship from Ministry of Education in Serbia, and she was stipendist of the Hemofarm Foundation from 2005. Ivana Smiljanić received „Profesor Ivan Berkeš“ annual award as the best pharmacy student of the class 2006/2007, and The University of Belgrade Award for the best student of the class 2006/2007 at the Faculty of Pharmacy. In 2007, she enrolled in PhD studies in Pharmacokinetics and Clinical Pharmacy and finished the program in 2013 by defending doctoral thesis entitled „Biopharmaceutical characterization of levothyroxine sodium immediate-release tablets“. Ivana Smiljanić passed the state license exam for pharmacists in 2008. She was employed in Galenika ad as an associate in the Quality Control Department from 2008 to 2014. She was responsible for drug stability testing, the preparation of drug stability protocols and reports, and the preparation of registration documentation related to drug stability. In 2014, she received Norwegian authorization for pharmacist. Since then, she has been living and working in Oslo. She is currently working in Norsk Medisinaldepot, the biggest pharmacies and healthcare products wholesaler in Norway, as pharmacist responsible for supply of medicines to municipality based health care services in Norway.
Jelena (Parezanović) Sretenović

was born on 19. 09. 1983 in Ivanjica. She completed elementary and high school in Ivanjica. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 2002, and graduated in 2008. Jelena (Parezanović) Sretenović received „Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2007/2008. From 2008 to 2010, she worked at the Laboratory „Konzilijum” as a medical biochemist. Since 2011 she has been employed at Yunycom d.o.o. in Belgrade, first on the position of Product Manager and then on the position of Head of Product Management. She has gained years of experience in the field of IVD medical devices. She has participated in numerous courses and trainings organized by renowned world manufacturers of laboratory equipment such as Sysmex, Biomerieux, Diasorin... During her career she specialized in the field of hematology counters and held over 200 trainings on hematology counters and other laboratory equipment in the assigned territory of Serbia, Bosnia and Herzegovina and Montenegro. Along with acquiring professional knowledge in the field of medical biochemistry and hematology, she improved her skills in the field of business, product management and team management. She continues her education in the field of marketing.

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was born on 19. 09. 1983 in Ivanjica. She completed elementary and high school in Ivanjica. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 2002, and graduated in 2008. Jelena (Parezanović) Sretenović received „Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2007/2008. From 2008 to 2010, she worked at the Laboratory „Konzilijum” as a medical biochemist. Since 2011 she has been employed at Yunycom d.o.o. in Belgrade, first on the position of Product Manager and then on the position of Head of Product Management. She has gained years of experience in the field of IVD medical devices. She has participated in numerous courses and trainings organized by renowned world manufacturers of laboratory equipment such as Sysmex, Biomerieux, Diasorin... During her career she specialized in the field of hematology counters and held over 200 trainings on hematology counters and other laboratory equipment in the assigned territory of Serbia, Bosnia and Herzegovina and Montenegro. Along with acquiring professional knowledge in the field of medical biochemistry and hematology, she improved her skills in the field of business, product management and team management. She continues her education in the field of marketing.

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Jelena (Parezanović) Sretenović

was born on 19. 09. 1983 in Ivanjica. She completed elementary and high school in Ivanjica. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 2002, and graduated in 2008. Jelena (Parezanović) Sretenović received „Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2007/2008. From 2008 to 2010, she worked at the Laboratory „Konzilijum” as a medical biochemist. Since 2011 she has been employed at Yunycom d.o.o. in Belgrade, first on the position of Product Manager and then on the position of Head of Product Management. She has gained years of experience in the field of IVD medical devices. She has participated in numerous courses and trainings organized by renowned world manufacturers of laboratory equipment such as Sysmex, Biomerieux, Diasorin... During her career she specialized in the field of hematology counters and held over 200 trainings on hematology counters and other laboratory equipment in the assigned territory of Serbia, Bosnia and Herzegovina and Montenegro. Along with acquiring professional knowledge in the field of medical biochemistry and hematology, she improved her skills in the field of business, product management and team management. She continues her education in the field of marketing.
Gordana Draganac Trifunović

starstva zdravlja. Dobila je sledeća priznanja i nagrade: od septembra 1998. – juna 2002 osvojila je brojna mesta na opštinskim, okružnim i republičkim takmičenjima iz srpskog jezika i književnosti, matematike i fizike. Na prijemnom ispitu za upis u gimnaziju bila prva na jedinstvenoj rang listi sa osvojenih maksimalnih 100 poena. September 1993. – juna 1998. proslašena za nosioca diplome „Vuk Karadžić“ i učenika generacije Osnovne škole „Moša Pijade“ u Velikoj Drenovi. Osvojila je drugo mesto na Republičkom takmičenju iz srpskog jezika i književnosti u Tršiću, zbog čega je bila oslobodena polaganja prijemnog ispita iz srpskog jezika i književnosti pri upisu u gimnaziju „Vuk Karadžić“ u Trsteniku, što je prvi slučaj u istoriji ove gimnazije. Osvojila je brojna mesta na opštinskim i okružnim takmičenjima iz matematike i srpskog jezika i u literarnim konkursima „Krv – život znači“ i „Sveti Sava“. Juna 2002. u gimnaziji „Vuk Karadžić“ u Trsteniku proslašena za učenika generacije i nosioca diplome „Vuk Karadžić“. Prisustvovala na svečanom prijemu kraljevske porodice Karadjordjević na Belom Dvoru na Dedinju, gde su bili pozvani učenici svih srednjih škola naše zemlje. Na prijemnom ispitu za upis na fakultet bila je prva na jedinstvenoj rang listi sa osvojenih maksimalnih 100 poena. 4.09.2009. proslašena je za najboljeg studenta u svojoj generaciji od strane Rectora Univerziteta u Beogradu na svečanosti povodom proslave Dana Univerziteta u Beogradu. Dobila je nagradu od rektora Univerziteta u Beogradu, prof. Dr Branka Kovačevića. Decembra 2008. proslašena za najboljeg studenta u svojoj generaciji i dobila nagradu Fonda „Profesor Ivan Berkeš“. Aprila 2005. proslašena je za economic skills. Since May 2010, Gordana is employed at Galenika PlC, as a senior professional and commercial associate in the Marketing and Sales department. She received the numbers of honors and awards: September 1993 – June 1998 she was awarded as a best pupil in her generation and got prestigious „Vuk Karadžić“ diploma at the the Elementary School „Moša Pijade“ in Velika Drenova. She won second place at the republic competition from Serbian language and literature course in Tršić, and, as the award, she did not have to take the entrance exam from Serbian language and literature when enrolling the High School „Vuk Karadžić“ in Trstenik, which is the first case in the history of the school. Won numerous awards at competitions at municipal and region levels from mathematics and Serbian language courses and at the literary competitions „Blood – it is the life“ and „Saint Sava“. In period of September 1998 – June 2002 she won numerous awards at competitions on municipal, regional and republic levels, from Serbian language and literature, mathematics and physics courses. Gordana got the highest score at the entrance exam for high school enrolment. From September 1998 – June 2002 she won numerous awards at competitions on municipal, regional and republic levels, from Serbian language and literature, mathematics and physics courses. June 2002 – awarded as a best pupil in her generation and got prestigious „Vuk Karadžić“ diploma at the High School „Vuk Karadžić“, Trstenik ans attended the ceremony organized by the Serbian royal family Karadjordjevic for the best pupils from all Serbian high schools at the White Palace in Dedinje. Gordana got the highest score at the entrance exam at the Faculty of Pharmacy,
Jelena Pantić Biševac

was born on 23. 10. 1984 in Kragujevac. She completed elementary and high school in Kragujevac. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy – medical biochemistry) in 2003, and graduated in 2009. Jelena Pantić Biševac received „Prof. Dr. Ivan Berkeš” annual award as the best student of the class University of Belgrade. In April 2005 – Awarded as the best student of the Student Dormitory „April 4” by the Student Centre of Belgrade. December 2008 – Awarded as the best student of her generation and received the „Professor Ivan Berkeš” Fund Award. September 2009 – Awarded as the best student in her generation by the Rectorate of the University of Belgrade by the rector of the University of Belgrade, prof. Dr. Branko Kovacevic, at a celebration of the Day of the University of Belgrade. From October 2002 to October 2007 she received numerous awards by: Hemofarm Foundation, Fund for Young Talents of the Ministry of Education and Sport of the Republic of Serbia, Studenica Foundation, Mihailo Pupin Foundation of the Serbian National Defense from Chicago, USA, EFG Bank, Foundation for Young Talents of the Municipality of Trstenik. Gordana is married and is the mother of three children.
Jelena Pantić Biševac acquired PhD title in 2018. She is the author and co-author of three papers in international journals M23 and M25 category. In the period from 2012 to 2018, she was employed at the Institute of Medical Biochemistry of the Military Medical Academy. Since 2019, Jelena has been employed as product manager in the field of medical biochemistry.

Vladimir Dobričić

was born on 9th April 1984 in Belgrade, where he finished elementary school and high school. He graduated at the University of Belgrade – Faculty of Pharmacy (average grade 9.87) in 2009. He received award for the best student (pharmacy programme) who graduated during 2008/2009 at the University of Belgrade – Faculty of Pharmacy from the Society of Medical Biochemists of Serbia and scientific foundation „Prof. Dr. Ivan Berkeš“. He also received award from the University of Belgrade for the best student of generation graduated at the University of Belgrade – Faculty of Pharmacy during 2008/2009. He has been employed at the Department of Pharmaceutical Chemistry, University of Belgrade – Faculty of Pharmacy since 2011. He acquired the PhD title in 2014. In 2016, he was promoted to assistant professor. During his academic career, Vladimir Dobričić participated in two national research projects, and during 2018-2019 he was the leader of a bilateral project between Republic of Serbia and Republic of Slovenia.

Jelena Munjas (born Joksić)

was born on 20.01.1986 in Belgrade. She completed elementary and XIII Belgrade gymnasium in Belgrade. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 2004, and graduated in 2010. In 2008. she received the first prize for the best student research paper in medical sciences at University of Belgrade. She relieved the scholarship of Young talents fond of Republic of Serbia in 2008–2009. Munjas Jelena received „Prof. Dr. Ivan Berkeš“ annual award as the best student of the class 2009/2010. She has been employed at the Department of Medical Biochemistry, Faculty of Pharmacy in Belgrade since 2010. She acquired the Ph.D. title in 28.3.2018. During her academic career, Mu-
Zora Ćetković


Zora Ćetković was born on 19. 11. 1985 in Požarevac. She completed elementary and high school in Belgrade. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy) in 2004, and graduated in February 2010. Zora Ćetković received „Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2009/2010. From 2012–2014 she was employed as an assistant at the Institute of Virology, Vaccines and Sera „Torlak”. From 2014 she has been employed as a hospital pharmacist at the Pharmacy Service, Clinical Centre of Serbia. Since February 2019, he has been a Board Member of Pharmaceutical Association of Serbia (SFUS). In June 2019, she completed a traineeship at the Gregorio Marañon University Hospital in Madrid, as a part of the SILLC programme, organized by the European Association of Hospital Pharmacists (EAHP). Since 2020, he has been the team leader of the project entitled „Implementation of the database on reconstitution/dissolution of antibiotics in Serbia, Croa-
ranju antibiotika u Srbiji, Hrvatskoj, Sloveniji, Bosni i Hercegovini, Severnoj Makedoniji i Crnoj Gori u saradnji sa Španijom", finan-
siranog od strane EAHP-a. Doktorske aca-
demske studije na Katedri za farmaceutsku tehnologiju i kozmetologiju Farmaceutskog fakulteta upisala je 2012. godine. Autor je
da naučna rada objavljena u međunarod-
nim časopisima. Njeno naučno-istraživačko
interesovanje uključuje razvoj i karakteri-
zaciju novih lipidnih formulacija za oralnu
primenu leka. Specijalizaciju zdravstvenih
radnika i zdravstvenih saradnika na Katedri
za socijalnu farmaciju i farmaceutsko zako-
nodavstvo Farmaceutskog fakulteta upisala
je u maju 2019. godine.

**Milena Anđelković**

je rođena 19. 09. 1986. godine u
Kosovskoj Mitrovici. Osnovnu
školu završila je u Zvečanu a
srednju Medicinsku školu u Ko-
sovskoj Mitrovici. Farmaceutski
fakultet, Univerzitet u Beogradu,
smer diplomirani farmaceut –
medicinski biohemičar upisala je
2005. godine. Diplomirala je u
apsolventskom roku 2011. godine. Dobitnica
je nagrade „Prof. dr Ivan Berkeš” kao najbolji
student diplomirani farmaceut – medicinski
biohemičar u školskoj 2010/2011 godini.
Školske 2011/12 i 2012/13 radila je kao asis-
tent saradnik u realizaciji dodiplomske prak-
tične nastave na Katedri za toksikologiju
„Akademik Danilo Soldatović” Farmaceut-
skog fakulteta Univerziteta u Beogradu. Od
2013. godine radno je angažovana na poslo-
vima medicinskog biohemičara u organiza-
tia, Slovenia, Bosnia and Herzegovina, North-
eern Macedonia and Montenegro in cooper-
ation with Spain", funded by the EAHP. She
enrolled in doctoral academic studies at the
Department of Pharmaceutical Technology
and Cosmetology, Faculty of Pharmacy in
2012. He is the author of two scientific pa-
pers published in international journals. Her
research interests include the development
and characterization of novel lipid-based
drug delivery systems for oral administra-
tion. In May 2019 she enrolled in specialist
studies required by the healthcare system at
the Department of Social Pharmacy and
Pharmaceutical Legislation, Faculty of Phar-
macy.

**Milena Anđelković**

was born on 19. 09. 1986 in Ko-
sovska Mitrovica. She completed
elementary school in Zvečan and
high school in Kosovska Mitro-
vica. She enrolled in the Faculty
of Pharmacy in Belgrade (Master
of Pharmacy – medical biochem-
istry) in 2005, and graduated in
2011. Milena Anđelković received
„Prof. Dr. Ivan Berkeš” annual award as the
best student of the class 2010/2011. In
2011/12 and 2012/13 she worked as assis-
tant associate in the implementation of
undergraduate practical classes at the De-
partment of Toxicology „Academic Danilo
Soldatović” of the Faculty of Pharmacy in Bel-
grade. Since 2013, she has been employed
as a medical biochemist in Health Centre's
Kosovska Mitrovica laboratory. She received
the title of research associate at the Faculty
of Pharmacy, University of Belgrade, in 2019. She completed specialist studies in medical biochemistry in 2020. In 2011/2012 Milena Anđelković enrolled doctoral studies, toxicology module, at the Faculty of Pharmacy in Belgrade. Her research interest is focused on the investigation of metal toxicology (role of toxic metals in breast, prostate and testicular cancer as well as investigation of complex mechanisms underlying metals toxicity such as disturbance of bio element homeostasis, oxidative stress status, sex hormones homeostasis). Milena Anđelković is author or co-author of six papers in top international journals (M21), seven papers from international conferences printed in abstracts (M34), one paper in a journal of national importance (M53) and two papers from a conference of national importance printed in abstracts (M64).

Mladen Milović

was born on August 10th 1986 in Rijeka. He completed Elementary and High Medical school – pharmaceutical technician in Užice where he was chosen as best student in generation and received a commendation from the Foundation for Education and Culture of Crown Prince Aleksandar Karađorđević. He enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy) in 2005, and
Ana Milojević

was born on 14. 08. 1987 in Belgrade. She completed elementary and high school in Belgrade. She enrolled in the Faculty of Pharmacy in Belgrade in 2006. Integrated master academic studies on study program Pharmacy – medical biochemistry completed in 2011. Ana Milojević received
“Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2010/2011. She received Faculty of Pharmacy praise as a part of annual award for the best students on integrated academic studies. After graduating from the faculty, she completed a mandatory one-year internship at the Institute of Medical Biochemistry of the Military Medical Academy in Belgrade. She gained five years of work experience at the Institute of Medical Biochemistry of the Military Medical Academy. Her area of special professional interest was immunochemistry. Since 2019, she has been employed in the Laboratory Diagnostics Service of the UHMC Bežanijska kosa in Belgrade. She is a doctoral student in the field of medical biochemistry at the Faculty of Pharmacy in Belgrade. She is a member of the Committee of Young Investigators of the Society of Medical Biochemists of Serbia.

Sanela Savić
(maiden name Đorđević)
was born on 13. 01. 1987 in Leskovac. She finished elementary school in Velika Grabovnica and Medical high school in Leskovac (the best student of generation, „Vuk Karadžić“ certificate). She graduated from University of Belgrade – Faculty of Pharmacy in 2011 (integrated academic studies, module Pharmacy; the best student of generation), where she also obtained her PhD title in 2017 (module Pharmaceutical Technology). She is about to finish doctoral academic studies at Faculty of Technology in Leskovac, University of Niš (module Technological En-
program Tehnološko inženjerstvo). In May 2020, she became Associate Scientist. During her studies, she obtained numerous grants and awards: grant of the Foundation for young talents of the Republic of Serbia (2010/2011), award of the Scientific foundation „Professor Ivan Berkeš“ (2011), award for the best student of generation at the University of Belgrade – Faculty of Pharmacy in the academic year 2010/2011, award of the City of Leskovac for young talents in the field of education and scientific research (2013), first award for the best poster presentation at the VI Serbian Congress of Pharmacy with international participation (Belgrade, 15–19. 10. 2014). In 2014, she obtained a scholarship of the German Academic Exchange Service (DAAD) for three months research stay in Germany, at the Institute for Pharmaceutical Technology, Eberhard-Karls University in Tübingen. During 2011–2016, she worked at the Department of Pharmaceutical Technology and Cosmetology, University of Belgrade – Faculty of Pharmacy, as a collaborator on a project of technological development TR34031, funded by the Ministry of Education, Science and Technological Development of the Republic of Serbia. She also participated in a bilateral project between Serbia and Germany 2015–2016. Since August 2016, she has been employed in the R&D Sector of DCP Hemigal in Leskovac. Her research interest is focused on nanostructured lipid carries for poorly water-soluble actives, safety and efficacy testing of cosmetic products, and QbD approach.
Mladen Stankov

was born on January 31, 1987 in Belgrade. He finished primary and high school in Belgrade. He enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy – medical biochemistry) in 2006, and graduated in 2011. Mladen Stankov received „Prof. Dr. Ivan Berkeš“ annual award as the best student of the class 2011/2012. After completing the course performed at the polyclinic of the Clinical Centre of Serbia in 2012, he was employed in the research and development department of the company Bioanalytica, which is engaged in the production and sales of biochemistry reagents. He is engaged in the design, testing and validation of new biochemical tests, as well as improving the performance of existing ones. Since 2012, he has designed or improved several biochemical tests in cooperation with foreign partners. Current activities include the validation of immunochemistry assays, as well as the introduction of haematology analysers into the program together with the production of related haematology reagents.

Marija Todosijević

was born on 2nd January 1989 in Užice. She completed elementary school „Aleksa Dejović“ in Sevojno as the best student of the class, being a holder of the „Vuk Karadžić“ diploma. She finished Užice Grammar School, also as a holder of the „Vuk Karadžić“ diploma.

Tokom osnovnih studija bila je stipendista grada Užica, Fonda za stipendiranje studenata Mihajlo Pupin, Fonda za mlade talente Republike Srbije, Zadužbine Dragoljub Marinković, i Ministarstva prosvete i nauke Republike Srbije. Dobitnik je Povelje Univerziteta u Beogradu za najboljeg studenta Farmaceutskog fakulteta koji je diplomirao u školskoj 2011/2012. godini (nagrade „Student generacije”), kao i nagrade Naučnog fonda „Profesor Ivan Berkeš“ koju dodeljuje Društvo medicinskih biohemičara Srbije. Tokom doktorskih studija dobitnik je stipendije fondacije „Hemofarm“ za studente prirodnih nauka koji postižu izuzetan uspeh tokom školovanja. Od decembra 2012. do početka 2017. godine bila je zaposlena na projektu iz oblasti tehnološkog razvoja kojeg finansira Ministarstvo prosvete, nauke i tehnološkog razvoja, i u istom periodu je učestvovala u izvođenju praktičnih nastava iz predmeta Farmaceutska tehnologija I, Farmaceutska tehnologija II i Osnovi farmaceutske biotehnikologije na studijskom programu Farmacije, integrirane akademске studije, na Univerzitetu u Beogradu – Farmaceutskom fakultetu. U okviru istraživačkog rada je u više navrata boravila na stručnom usavršavanju u inostranstvu. U toku 2012. i 2013. godine je boravila na Katedri za farmaceutsku tehnologiju Farmaceutskog fakulteta 2007/2008 she enrolled at the Faculty of Pharmacy of the University of Belgrade, and graduated on 4th September 2012 as the best student of the class. In 2012 she enrolled in doctoral academic studies at the University of Belgrade – Faculty of Pharmacy, module Pharmaceutical Technology, while she has acquired the Ph.D. title in 2017. During her undergraduate studies, she was a holder of the numerous scholarships, such as scholarship of the city of Užice, Fund Mihajlo Pupin, the Fund for Young Talents of the Republic of Serbia, the Dragoljub Marinkovic Endowment, and the Ministry of Education and Science of the Republic of Serbia. She got the award for being the best student of the Faculty of Pharmacy who graduated in the school year 2011/2012 year („Student of the Generation“ award), as well as the award of the Scientific Fund „Professor Ivan Berkeš“ awarded by the Society of Medical Biochemists of Serbia. During her doctoral studies, she got a scholarship from the „Hemofarm“ foundation for natural science students who achieved exceptional success during their schooling. From December 2012 to the beginning of 2017, she was employed as a research assistant involved in Ministry of Education, Science and Technological Development’s research project, and was teaching assistant at several courses: Pharmaceutical Technology 1, Pharmaceutical Technology 2 and Bases of Pharmaceutical Biotechnology. During 2012 and 2013, as a guest researcher, she did some part of experimental work at the Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Ljubljana, Slovenia. During 2015, she got a DAAD (German Academic Exchange Service) research grant for research stay at the
Sanja Milutinović (dev. Vučković)


Sanja Milutinovic (maiden name Vučković)

was born on May 30, 1989 in Paraćin. She completed elementary and high school in Paraćin. She enrolled at the Faculty of Pharmacy, University of Belgrade in the field of education Master of Pharmacy-Medical Biochemistry in 2008, and graduated in September 2013. Sanja Milutinović received „Prof. Dr. Ivan Berkeš“ annual award as the best student of the class 2012/2013.
Biljana Škorić

Biljana Škorić
was born on 27th of November 1989. in Derventa, where she finished primary and high school as the best student in generation. She enrolled Faculty of Pharmacy in the school year 2008/09 and graduated in 2013. with average mark 9.76. She won the annual price of science fund „Prof. Dr. Ivan Berkeš“ for the school year 2012/13 as a student from program Pharmacy. She was working in regulatory and pharmacovigilance for marketed medicinal products, while now is working as a Site Start-Up project delivery lead in Syneos Health. She is student of doctoral academic studies at the Faculty of Pharmacy in Belgrade, Department for pharmacokinetics and clinical pharmacy, where her research interest is administration of methotrexate in high doses in pediatric population.
Sanja Kandić was born on 30. 03. 1989 in Belgrade. She completed elementary and high medical school in Belgrade. She enrolled in the Faculty of Pharmacy in Belgrade (Master of Pharmacy-medical biochemistry) in 2008. and graduated in 2014. Sanja Kandić received “Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2013/2014. After completing her studies, she completes one part of the internship in the biochemical laboratory BioMedica in Belgrade, while the other part of internship she completes in the biochemical laboratory in the hospital in Čačak. She moved to Norway in 2016, where she received a license and since then she has lived and worked in Norway as a pharmacist in Boots pharmacy chain.

Dušan (Branimir) Ružić was born on June 29, 1990, in Čačak. He graduated from the Faculty of Pharmacy in Belgrade in 2014 with grade point average (GPA) 9.82. He defended his master thesis at the Department of Organic Chemistry, Faculty of Pharmacy in Belgrade and obtained the title of Master of Pharmacy. He was awarded with the annual award „Professor Dr Ivan Berkeš“ for the best pharmacy student (generation 2009–2014). He enrolled in doctoral academic studies in pharmaceutical chemistry in the 2014/15 school year at the Faculty of Pharmacy in

Branislava Šupljeglav (udato Rajkov) je rođena 17. 06. 1991. u Mostaru. Osnovnu i srednju školu je završila u Baru. Farmaceutski fakultet smer magistar farmacije-medicinski biohemičar upisala je 2010. godine, a diplomirala 2015. godine. Pred samo diplomiranje je u sklopu razmene studenata radila istraživanje o karcinomu dojke na Ohio Northern University u Sjedinjenim Američkim Državama. Dobitnica je nagrade „Prof. dr Ivan Berkeš“ kao najbolji student magistar farmacije-medicinski biohemičar u školskoj 2014/2015. godini. Doktorske studije je Belgrade and he is currently completing the doctoral thesis. Since March 2015, he was employed as a Graduate Researcher, then as a Research Associate on the project of the Ministry of Education, Science and Technological Development of the Republic of Serbia, and since December 2019 he has been employed as a Teaching Assistant at the Department of Pharmaceutical Chemistry. Dušan Ružić participated as an Associate Researcher at the international COST action, EpiChemBio (CM1406). As a part of the COST EpiChemBio action, he did doctoral training for six months in the Laboratory of Chemical Biology, School of Pharmacy, University of East Anglia, Norwich, United Kingdom. Dušan Ružić is interested in medicinal chemistry and drug discovery of epigenetic modulators. He is a member of the Epigenetic Cancer Society, the Serbian Society of Cancer Researchers and the American Association for Cancer Research.

Branislava Šupljeglav (married Rajkov) was born on June 17, 1991 in Mostar. She finished primary and high school in Bar. She enrolled at the Faculty of Pharmacy, Master of Pharmacy-Medical Biochemist, in 2010, and graduated in 2015. Prior to graduation, she did research on breast cancer at Ohio Northern University in the United States as part of a student exchange. She won the award of „Prof. Dr. Ivan Berkeš“ as the best student Master of Pharmacy-Medical Biochemist in the school year 2014/2015. She enrolled in doctoral studies (PhD) in 2015.

She did her volunteer internship at the Clinical Hospital Centre „Bežanijska kosa“ in 2015/2016. Since April 2016, she has been working at Ergomed, a company that does research with clinical trials of medicines and medical devices, and so far she has worked on various types of studies, most of which are on the testing of drugs for oncology patients. Her research interests include examining the gene expression of certain proteins in patients with obstructive sleep apnea.

Milan Milojević


Milan Milojević was born on March 7, 1991 in Kragujevac. He finished primary and secondary school in Kragujevac, as a holder of diploma Vuk Karadžić. He enrolled at the Faculty of Pharmacy in Belgrade, Department of Pharmacy, in 2010, and graduated in 2015 with an average grade of 9.90. During his schooling, he was awarded many times for his extraordinary success in studies. He was awarded as the best student of the University of Belgrade, who graduated from the Faculty of Pharmacy in Belgrade in 2015. Milan was recognized with the annual award of „Prof. Dr. Ivan Berkeš“ as the best student, graduate pharmacist, in the school year 2014/2015. In the final year of his studies, he was awarded with Dositej scholarship from the Fund for Young Talents. After completing the internship, he started his professional career in the Medicines and Medical Devices Agency of Serbia, as an expert in the Sector for Issuing Licenses for Medicines. In Novem-
November 2018, he continued his professional development in the contract research organization (CRO) Parexel, where he is working in regulatory affairs with the aim of launching clinical trials both in the country and globally. Married, father of the baby girl Lena.

**Aleksandra Tijanić**

was born on 14. 05. 1992 in Belgrade. She completed elementary and high school, also in Belgrade. She enrolled in the Faculty of Pharmacy, University of Belgrade in 2011 and graduated in 2016. with an average grade of 9.85/10.0, obtaining the title master of pharmacy-medical biochemist. Aleksandra Tijanić won „Prof. Dr. Ivan Berkeš“ annual award, as the best student (master of pharmacy-medical biochemist), graduated in class 2015/2016. After the completion of the internship in „KBC Bežanijska kosa“ in 2017, she worked as a volunteer in the same hospital. During the next two years (November 2017 – November 2019) she had been employed in the Centre for Medical Biochemistry, Clinical Centre of Serbia. She has been employed in Beolab laboratory, since February 2020. Aleksandra Tijanić is a co-author of two abstracts, in the field of biochemical markers of heart failure and personalized immunosuppressive therapy. Her research interest is directed towards inborn errors of metabolism.
Marija Banićević


Marija Banićević

was born on March 16, 1992 in Belgrade, where she finished elementary school and the 13th Belgrade Grammar School. She developed interest in chemistry during high school which lead her to the Petnica research centre. Winning of the best prize at the National chemistry competition enabled her to enroll at the Faculty of Pharmacy of the University of Belgrade without entry exam. She graduated in 2016. She is the winner of numerous scholarships, among other things for the talents of the Ministry of Science, Education and Technological Development and Dositeja. During all the years of studies, she was among the five best students of her generation, and upon completion of her studies, she became a laureate of the „Professor Dr. Ivan Berkeš” Foundation for the school year 2015/16. After completing her undergraduate studies, she spent a three-month internship in Germany at the Institute for Applied Dermatopharmacy at Martin-Luther University in Halle. As a young researcher interested in neurosciences and drugs that act on central nervous system, she was involved a trainee-researcher on the project of the Institute of Pharmacology of the Faculty of Pharmacy. She participated in teaching practical classes in the subjects of Pharmacology and Pharmacotherapy for undergraduate students and postgraduate students of specialistic academic studies. In 2018, Marija started PhD studies at the prestigious University of Heidelberg in the field of functional genomics. She is currently researching the physiological functions of APP, a protein that participates in the development of Alzheimer’s disease, and hopes that her work will contribute to a better understanding of the pathology of this neurodegeneration and finding more effective treatment methods.
Tamara Antonić


Tamara Antonić

was born on 6. 6. 1993 in Pale, where she completed elementary and high school. She enrolled at the Faculty of Pharmacy in Belgrade (Master of Pharmacy-Medical Biochemistry) in 2012 and graduated in 2017. She received „Prof. Dr. Ivan Berkeš” annual award as the best student of the class 2016/2017, as well as the Charter of the University of Belgrade for exceptional success during studies, as the best student of the generation of the Faculty of Pharmacy who graduated in the school year 2016/2017. After graduating from the faculty, Tamara completed an internship in the laboratory of the General Hospital „MediGroup” and passed the professional exam for masters of pharmacy-medical biochemists in the Ministry of Health of the Republic of Serbia in 2018. Tamara enrolled in Ph.D. studies – module Medical Biochemistry in 2017/2018. at the Faculty of Pharmacy, University of Belgrade, and Academic Specialist Studies – Biochemical diagnostics in 2019/2020. Since April 2018, she was employed as a researcher trainee on the project of the Ministry of Education, Science and Technological Development of the Republic of Serbia. Starting from November 2017 she has been engaged in teaching at the Department of Medical Biochemistry, Faculty of Pharmacy, and since October 2019 she has been employed as a Teaching Assistant in the same Department. She participated with seven presentations at national and international scientific conferences in the form of poster presentations. She is the author of one paper published in the journal of M52 category and one published in the proceed-
research interests include the application of chromatography and mass spectrometry in the identification and quantification of different lipid species to determine specific metabolic and lipid profile changes in women with physiological and high-risk pregnancies, as well as the selection of the lipid species that may be important in assessing the outcome of a high-risk pregnancy.

Sandra Tešić
was born on February 1, 1993. in Šabac. She finished the elementary school „Janko Veselinović“ in Šabac and the medical school „Dr Andra Jovanović“ as a holder of the diploma „Vuk Karadžić“. She enrolled in the Faculty of Pharmacy, University of Belgrade, Department of Pharmacy, in 2012. During her studies, she was awarded as one of the best student. She was the winner of scholarships from the municipality of Šabac and the Fund for Young Talents. As a student, she was engaged in scientific research at the Department of Drug Analysis. She was a participant in the 58th Congress of Students of Biomedical Sciences. The final work „Theoretical models in the analysis of retention mechanisms of geometric isomers of cefprozil on the ZIC HILIC column“ was done at the Department of Drug Analysis and defended in 2017. She received award of the Scientific Fund „Professor Ivan Berkeš“ as the best graduate student of pharmacy in the school year 2016/2017. During 2017/2018. she completed an internship at AU „Farmanea“, after which she passed the professional exam. Since June 2018, she has been employed at AU „Dr. Max“ as a pharmacist.
Jelena Pavlović was born 03. 06. 1994 in Kraljevo. She finished Primary school in Trstenik and High Medical school for pharmacy technician in Kruševac. She enrolled in the Faculty of Pharmacy, University of Belgrade (Master of pharmacy-medical biochemistry) in 2013. She graduated in 2018 with average grade 9.79 as the best student in that course. During the studies at Departments of Medical Biochemistry and Bromatology, she took part in many research projects. She spent 3 weeks within the SEP program in the Faculty of Pharmacy, University of Ljubljana where she took part in project of Clinical Biochemistry Department. She received Dositeja scholarship for the best final year students in Republic of Serbia in 2017/2018. Jelena Pavlović received „Prof. Dr. Ivan Berkeš” award as the best student of the class 2017/2018. After graduating, she completed internship on the Institute of Laboratory Diagnostics „Biomedica” where she started working in 2019.
Natalija Arsić


was born on November 2, 1994 in Belgrade. After finishing primary and secondary school, she enrolled in the University of Belgrade – Faculty of Pharmacy in 2013. As participant in Chemistry Seminar, she conducted her first scientific researches in Petnica Science Center. At the Faculty of Pharmacy, she got involved in scientific research work in 2015/16 school year at the Department of Pharmaceutical Chemistry and continued it at Department of Physiology and Department of Pharmaceutical Technology and Cosmetology in 2016/17 school year, and Department of Drug Analysis in 2017/18 school year. As a member, and since 2016 as a president of Centre for students’ scientific research work, she actively contributed to the promotion and encouragement of students’ involvement in scientific research activities by organizing First Bilateral Biomedical Symposium, as well as many Students’ Mini-Congresses and Faculty’s exhibitions at Science Festivals. From year 2016 to 2018 she was a member of Faculty’s Council. In 2017/18 school year, she participated in activities of Working group for reaccreditation of Pharmacy study program. By defending her master thesis at Department of Drug Analysis, in 2018 she graduated from University of Belgrade – Faculty of Pharmacy, with grade point average 9.86, obtaining the title of Master of Pharmacy. As valedictorian of class 2013/14, she was awarded by Scientific Fund „Professor Ivan Berkeš“ and University of Belgrade. From November 2018 until May 2019 she worked in High School for Pharmacy and Physiotherapy, as Clinical Pharmacy and Cosmetology Teacher. Since May 2019, she has been employed by Syneos Health, an international CRO.
Tijana Vučković


Tijana Vučković

was born 19. 09. 1995 in Smederevska Palanka, where she finished elementary school, as well as the school for elementary music education. She received her secondary education in Belgrade, after graduating from the School of Pharmacy and Physiotherapy, educational profile Pharmacy technician. In 2014, she began her studies at the Faculty of Pharmacy, University of Belgrade, study programme Pharmacy-medical biochemistry. During her studies, she was awarded as part of the Faculty's Annual Award to the best students, for four years in a row. She was a scholarship holder of the Ministry of Education, Science and Technological Development, as well as a scholarship holder of the Fund for Young Talents-Dositeja. She participated in the preparation of two student scientific research papers, performed at the Department of Medical Biochemistry. She defended her work entitled Profile of subfractions of low-density lipoprotein particles in high-risk pregnancy in July 2019. She completed her internship as a health worker at the Clinical Centre of Serbia, after which she passed the professional exam and obtained a license from the Chamber of Biochemists of Serbia. As the best graduated student of Pharmacy-medical biochemistry in class 2018/19, she received the award of the Foundation „Professor Ivan Berkeš”.
Teodora Bulog


Teodora Bulog

was born on February 25, 1995 in Bor. She finished primary school and high school, Bora Stanković” in Bor, and she has been awarded with the „Vuk Karadžić“ certificate. She enrolled in the Faculty of Pharmacy, University of Belgrade, the study program Pharmacy, in 2014. She graduated in July 2019 with an average grade of 9.75/10 and thus acquired the professional title of Master of Pharmacy. She defended Final work entitled „Identification of therapeutic problems in the population of hospitalized geriatric patients” at the Department of Pharmacokinetics and Clinical Pharmacy. During the studies, she was awarded by the Faculty of Pharmacy for her success. In 2019 she obtained a scholarship of the Foundation for Young Talents of the Republic of Serbia – Dositeja. In the same year, she was awarded by the Scientific Foundation „Profesor Ivan Berkeš“ as the best graduated student. Since October 2019, she has been employed at the Department of Pharmacokinetics and Clinical Pharmacy as a teaching assistant. She is currently attending specialist academic studies in Pharmaceutical care.
Milena Simić
rođena je 22. 01. 1996. godine u Gnijilanu. Osnovnu školu i srednju medicinsku školu „Doktor Milenko Hadžić“, smer laboratorijski tehničar, završila je u Nišu. Upišala je Farmaceutski fakultet u Beogradu, smer magistar farmacije-medicinski biohemičar 2015. godine, a diplomirala je u julu 2020. godine. Milena Simić je dobitnica pohvalnice Udruženja zdravstvenih radnika Niša kao najbolji đak u kategoriji učenika srednje medicinske škole u školskoj 2014/2015 godini. Dobicnica je nagrade „Prof. dr Ivan Berkeš“ kao najbolji student magistar farmacije-medicinski biohemičar u školskoj 2019/2020 godini. Tokom studija bila je član Centra za naučnoistraživački rad studenata (CNIRS), kao i autor i koautor studentskih naučno-istraživačkih radova na Katedri za medicinsku biohemiiju Farmaceutskog fakulteta u Beogradu, pod mentorstvom Prof. dr Jelene Kotur-Stevuljević. Učestvovala je na XII Mini-kongresu studenata Farmaceutskog fakulteta u Beogradu 2019. godine kao i na 60. Kongresu studenata biomedicinskih nauka Srbije na Kopaoniku 2019. godine, na kojima je prezentovala studentske naučno istraživačke radove na temu „Poređenje parametara oksidativno stresnog statusa u salivi i krvi kod zdravih ispitanika“ i „Anti-oksidativna aktivnost novo sintetisanih polifenolnih jedinjenja“. Takođe iste godine bila je učesnik 6. Internacionalne letnje škole (Central European Exchange for University Studies-CEEPUS) u Portorožu, Sloveniji sa temom „Novi dijagnostički i terapijski pristupi u hroničnim i starosno povezanim bolestima“ na kojoj je prezentovala rad na the commendation by the „Association of health care workers of Niš“ as the best student in category of medical high school students of the class 2014/2015. She also received „Prof. Dr. Ivan Berkeš“ annual award as the best student of the class 2019/2020. During her studies she was the member of the Student Scientific-Research Center (CNIRS) in Faculty of Pharmacy in Belgrade, and both author and co-author of many student scientific-research papers on Medical Biochemistry Chair in the Faculty of Pharmacy in Belgrade, under mentorship of Prof. dr sci Jelena Kotur-Stevuljević. She participated in XII Mini-Congress of students at the Faculty of Pharmacy in Belgrade in 2019, and also in Sixtieth Congress of Biomedical Sciences Students of Serbia in Kopaonik mountain in 2019. There she presented her student scientific-research papers on the topic „Comparison of the oxidative status parameters between saliva and blood in healthy individuals“ and „Antioxidant activity of newly synthesized polyphenolic compounds“. In the same year she was a participant of the 6th International Central European Exchange for University Studies (CEEPUS) summer school in Portorož, Slovenia, on the theme „Novel diagnostic and therapeutic approaches to chronic and age-related diseases“ and gave
Milan Beljkaš

was born on 26. 09. 1996 in Pljevlja, Montenegro. He completed elementary school and high school in Pljevlja, after which he enrolled at the Faculty of Pharmacy, the University of Belgrade in 2015. During his studies, Milan Beljkaš received the Annual Award for the best students of the Faculty of Pharmacy in 2016, 2017, 2018. and 2019. He received the „Prof. Dr. Ivan Berkeš“ annual award as the best student of the class 2019/20. He performed scientific research work at the Department of Pharmaceutical Chemistry, where he graduated. The topic of his scientific research was: Molecular modeling, synthesis, and testing of anti-migratory and anti-invasive properties of new derivatives of 1-benzhydryl piperazine. He received a scholarship for 2020, which is awarded by the Ministry of Youth and Sports of Serbia. During his studies, he was an educational coordinator in the Student Organization of the Faculty of Pharmacy (BPSA) and participated in numerous congresses organized by NAPSer (National Association of Pharmacy Students-Serbia) and EPSA (European Pharmaceutical Students’ Association). In 2020, he enrolled in doctoral studies at the Department of Pharmaceutical Chemistry.


7. Arhiva Društva medicinskih biohemičara Srbije.

8. Foto dokumentacija Društva medicinskih biohemičara Srbije.


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