



International University of Sarajevo			
PRIMLJENO-ARHIVE 29.08.2023.			
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BILINGUAL REPORT – DVOJEZIČNI IZVJEŠTAJ

COMMITTEE FOR PREPARATION OF PROPOSALS FOR APPOINTMENT INTO ACADEMIC TITLE OF ASSISTANT PROFESSOR FOR SCIENTIFIC FIELD OF "BIOLOGICAL SCIENCES"

To the Faculty Council of the Faculty of Engineering and Natural Sciences

Pursuant to Article 124, of the Law on Higher Education ("Official Gazette of Sarajevo Canton" 36/22) and based on the Decision of the Council of the Faculty of Engineering and Natural Sciences, number: IUS-FENS 06-2393/23, acting in accordance with the submitted Confirmation by the Faculty Secretary No. IUS-FENS 06-2379/23 (attached to this Report), the Committee for preparation of proposals for the appointment to academic title of assistant professor for scientific area of *Biological Sciences*, composed of:

1. **Dr. Jasmin Sutkovic**, assistant professor at the Faculty of Engineering and Natural Sciences; appointed for the scientific area of *Biological Sciences*,
2. **Dr. Mohamed Ibrahim**, associate professor at the Faculty of Engineering and Natural Sciences; appointed for the scientific area of *Biological Sciences*,
3. **Dr. Muhamed Adilovic**, assistant professor at the Faculty of Engineering and Natural Sciences; appointed for the scientific area of *Biological Sciences*.

evaluated the application of Dr. Irnela Bajrović for the appointment to position of Assistant professor for the scientific area of *Biological Sciences* upon public vacancy announcement published in the newspaper *Nezavisne novine* and web page on August 4th, 2023, and submits the following

REPORT with a Proposal for Appointment to the Academic Title

Applicant's name: DR. IRNELA BAJROVIĆ per her application for appointment into academic title of Assistant professor

Dr. Irnela Bajrović was born in Sarajevo, BiH in 1993. Dr. Bajrović graduated from University of Texas, Austin, USA, where she completed Bachelor Studies in Biochemistry in 2015. Dr. Bajrović obtained PhD in Pharmaceutics from University of Texas, Austin, USA in 2020 by defending the doctoral dissertation entitled: *Evaluation of Thermostable Thin Films as a Novel Vaccine Dosage Form*.

Dr. Bajrović has been working in industry from 2018 in companies and organizations: Jurata Thin Film, AskBio and as an intern in World Health Organization.



**KOMISIJA ZA PRIPREMANJE PRIJEDLOGA ZA IZBOR U AKADEMSKO NASTAVNO ZVANJE
DOCENTA ZA NAUČNU OBLAST „BIOLOŠKE NAUKE”**

VIJEĆU FAKULTETA PRIRODNIH I TEHNIČKIH NAUKA

Na osnovu člana 124. Zakona o visokom obrazovanju („Službene novine Kantona Sarajevo“ 36/22), postupajući na osnovu Odluke Vijeća Fakulteta prirodnih i tehničkih nauka, broj: IUS-FENS 06-2393/23 i Potvrde sekretara fakulteta, broj: IUS-FENS 06-2379/23, koja je sastavni dio ovog izvještaja,, Komisija za pripremanje prijedloga za izbor u akademska zvanja za naučnu oblast „Biološke nauke“, u sastavu:

1. **Dr. Jasmin Šutković**, docent na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu, izabran za oblast „Biološke nauke“;
2. **Dr. Mohamed Ibrahim**, vanredni profesor na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu, izabran za oblast „Biološke nauke“ i
3. **Dr. Muhamed Adilović**, docent na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu, izabran za oblast „Biološke nauke“.

nakon izvršene analize prijave za zvanje docenta, podnesene po javnom konkursu od 04.08.2023. godine u dnevnim novinama „Nezavisne novine“ i internet stranici Internacionalnog univerziteta u Sarajevu, od strane aplikanta dr. Irnele Bajrović, Komisija podnosi *sljedeći*:

IZVJEŠTAJ sa prijedlogom za izbor u zvanje

Kandidat: DR. IRNELA BAJROVIĆ, postupajući po prijavi za zvanje Docenta

Dr. Irnela Bajrović rođena je 1993. godine u Srajevu, BiH. Svoje univerzitetsko obrazovanje započela je na Univerzitetu Texas u Austinu, Sjedinjene Američke Države, gdje je 2015. godine stekla titulu Bachelor biohemije. Dr. Bajrović stekla je titulu doktora nauka iz farmaceutike na Univerzitetu Texas u Austinu, Sjedinjene Američke Države 2020. godine odbranivši doktorsku disertaciju pod nazivom: *Evaluation of Thermostable Thin Films as a Novel Vaccine Dosage Form*.

Dr. Bajrović radi u industriji od 2018. godine u tvrtkama i organizacijama: Jurata Thin Film, AskBio te kao pripravnik u Svjetskoj zdravstvenoj organizaciji



A. EDUCATION / OBRAZOVANJE

PhD	PhD studies in Pharmaceutics University of Texas, Austin, USA	2020
Bachelor of Science	Bachelor studies in Biochemistry University of Texas, Austin, USA	2015

B. LIST OF SCIENTIFIC AND OTHER PUBLICATIONS / PREGLED NAUČNIH I DRUGIH RADOVA

1. Doan, T.N.K., Le, M.D., Bajrovic, I., Celentano, L., Krause, Charles, Grooms, H.B., Svancarek, A., Mote, A., Tretiakova, A., Samulski, J. R., Croyle, M.A. Thermostability and in vivo performance of AAV9 in a film matrix. *Commun. Med.* 2022; 148.
2. Bajrovic, I., Le, M.D., Davis, M.M., Croyle, M.A. Evaluation of intermolecular interactions required for thermostability of a recombinant adenovirus within a film matrix. *J Control Release.* 2021; 341: 118-131.
3. Bajrovic, I., Romanovicz, D., Schafer, S.C., Croyle, M.A. Novel Technology for Storage and Distribution of Live Vaccines and Other Biological Medicines at Ambient Temperature. *Sci Adv.* 2020; 6(10): aau4819.
4. Choi, J.H., Jonsson-Schmunk, K., Qiu, X., Shedlock, D.J., Strong, J., Xu, J.X., Michie, K.L., Audet, J., Fernando, L., Myers, M.J., Weiner, D., Bajrovic, I., Tran, L.Q., Wong, G., Bello, A., Kobinger, G.P., Schafer S.C. and Croyle, M.A. 2014. A Single Dose Mucosal Recombinant Adenovirus-Based Vaccine Provides Long-Term Protection for Non-Human Primates from Lethal Ebola Infection. *Mol. Pharm.* 2015; (8): 2712-2731.

The Committee finds that Dr. Bajrović has published 4 papers which are relevant for appointment to the academic title of assistant professor. Thus, Dr. Bajrović meets this criterion of published at least 3 papers in acknowledge publications for appointment to the academic title of assistant professor.

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Komisija nalazi da je Dr. Bajrović objavila 4 rada koji su relevantni za izbor u akademsko zvanje docenta. Time je Dr. Bajrović ispunila uslov objave najmanje tri naučna radova objavljenih u priznatim publikacijama za izbor u zvanje docenta.

C. PATENTS, PROJECT, ORIGINAL METHOD / PATENT, PROJEKAT, ORIGINALNI METOD

Zekovic, T., Smith, C., Greback-Clarke, P., Vorst, E., Graham, E., Smith, J., Bajrovic, I., Hobbs, J., Tikkanen, R., Grieger, J. Method for Purifying Recombinant Viral Particles. US Patent WO/2022/159679. Published 28.07.2022.



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D. INTRODUCTORY LECTURE

Dr. Irnela Bajrović gave introductory lecture on title "Evaluation of Thermostable Thin Films as a Novel Vaccine Dosage Form" in front of the Committee and visitors on August 29, 2023 in period from 10:00-10:30 in the conference room A-G.15.

Taking into account the results of introductory lecture (the committee evaluation and anonymous evaluation from the audience using introductory lecture evaluation form), the Committee concluded that Dr. Irnela Bajrović successfully held an introductory lecture.

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Dr. Irnela Bajrović je održala pristupno predavanje na temu: "Evaluation of Thermostable Thin Films as a Novel Vaccine Dosage Form" pred članovima komisije i posjetiocima na datum 29.08.2023 u period od 10:00-10:30 u učionici A-G.15. Uzimajući u obzir rezultate uvodnog predavanja (na osnovu evaluacije komisije i anonimne evaluacije publike putem evaluacijskog formulara), Komisija je zaključila da je Dr. Irnela Bajrović uspješno održala pristupno predavanje.

E - PROPOSAL AND RATIONALE

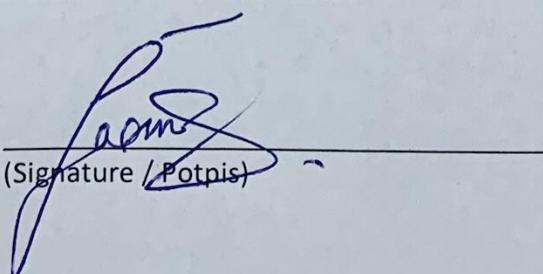
In accordance with the Law on Higher Education of Sarajevo Canton ("Official Gazette of Sarajevo Canton" No: 36/22), the Selection Committee unanimously propose to the Council of the Faculty of Engineering and Natural Sciences to appoint DR. IRNELA BAJROVIĆ to the academic title of ASSISTANT PROFESSOR for the scientific area of "BIOLOGICAL SCIENCES" at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo.

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U skladu sa odredbama Zakona o visokom obrazovanju Kantona Sarajevo ("Službene novine Kantona Sarajevo" br: 36/22), Komisija za izbor jednoglasno predlaže Vijeću Fakulteta prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu da se DR. IRNELA BAJROVIĆ izabere za nastavnika u naučno-nastavnom zvanju DOCENTA za naučnu oblast "BIOLOŠKE NAUKE", na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu.

COMMITTEE / KOMISIJA

1. Asst. Prof. Dr. Jasmin Šutković

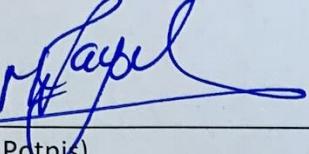

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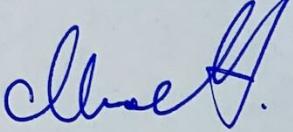
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2. Assoc. Prof. Dr. Mohamed Ibrahim


(Signature / Potpis)

3. Asst. Prof. Dr. Muhamed Adilović


(Signature / Potpis)