



## Jasmin Šutković

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**Address:** Hrasnicka Cesta 15, Ilidza, Sarajevo, 71000 Sarajevo (Bosnia and Herzegovina)

### WORK EXPERIENCE

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#### **Assistant professor**

**International University of Sarajevo** [ 11/11/2020 – Current ]

City: Sarajevo

Country: Bosnia and Herzegovina

Lecturing, Research, Administrative duties.

#### **Manager of Research and Development Center**

**International University of Sarajevo** [ 10/12/2020 – Current ]

Managing activities in the RDC facilities at IUS.

#### **Vice manager of Research and Development center**

**International University of Sarajevo** [ 2015 – 10/12/2020 ]

Address: Sarajevo (Bosnia and Herzegovina)

#### **Management Assistant of Research and Development Centre**

**Internationa University of Sarajevo - Research and Development center (RDC)** [ 01/01/2013 – 2015 ]

Address: Sarajevo (Bosnia and Herzegovina)

- Assisting the RDC director in planing, managing and organizing of RDC
- Managing the Genetic and Bioengineering labs within the RDC ( chemical organization and devices maintenance ).

## **Senior assistant - teaching assistant**

**International University of Sarajevo** [ 01/03/2010 – 10/11/2020 ]

**Address:** Sarajevo (Bosnia and Herzegovina)

**City:** Sarajevo

**Country:** Bosnia and Herzegovina

- Preparing lectures sufficiently to carry out the stated aims and objectives of the lectures/exercise class which you are leading
- Facilitating and/or leading group discussions, either in small groups or with the whole class
- Ensuring the smooth running of equipment necessary to achieve the aims of the class/tutorial (e.g. Genetic lab machines )
- Aiming to maintain a conducive atmosphere and environment for the achievement of the aims of the class/tutorial
- Keeping records of student attendance
- Reporting briefly on the attendance and work of each student at the end of each semester
- Holding an office hour several times a week for each course, notifying tutees accordingly
- Distributing, and arranging course evaluation questionnaires for each tutorial group taught
- Marking essays or other forms of formative assessment as required by the course programme
- Lecturing (Chemistry, Organic Chemistry, Bioengineering Principles, Special topics in Bioengineering, Ecology and Environmental Engineering)

## **Student advisor**

**International University of Sarajevo** [ 09/2011 – Current ]

**Address:** Sarajevo (Bosnia and Herzegovina)

- student counseling for course registration

- student advisor for program curricula

## **EDUCATION AND TRAINING**

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### **English language school**

**International University of Sarajevo** [ 10/10/2004 – 10/07/2005 ]

**Address:** Sarajevo (Bosnia and Herzegovina)

### **MSc in Genetics and Bioengineering**

**International University of Sarajevo, Faculty of Engineering and Natural Sciences** [ 10/09/2012 – 20/10/2014 ]

**Address:** Sarajevo (Bosnia and Herzegovina)

### **PhD in Genetics and Bioengineering**

**International University Of Sarajevo** [ 01/02/2015 – 10/10/2020 ]

**Field(s) of study:** Bioengineering

## LANGUAGE SKILLS

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Mother tongue(s):

**Bosnian**

Other language(s):

**English**

**LISTENING C1 READING C1 WRITING C2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1**

**German**

**LISTENING C1 READING B1 WRITING A2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

## PUBLICATIONS

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### Publications

#### Selected publication:

**Jasmin Šutković, Ajdina Karic, Ahmet Yildirim.** In silico identification and expression analysis of Metal-nicotianamine transporter (YSL3) and Oligopeptide transporter 3 (OPT3) under Cd stress in *Brassica oleracea* var. *acephala*. *Botanical Sciences*, Vol 98 (2020).

**Jasmin Šutković,** Lutvija Karić, Maryam Golzardi, Petar Glamočlija. Genetic diversity assessment of *Allium cepa* L. cultivars from Bosnia and Herzegovina using SSR makers. *Genet. Mol. Res.* 17 (1): gmr16039870

**Jasmin Šutković,** Nekić Vanesa, Loga Zec Svjetlana. Anthropometric Correlation with Metabolic Syndrome in Sarajevo Population. Volume 16, 4 Issue, 2016, 113-119

**Jasmin Šutković,** Ena Šečić, Mohamed Ragab Abdel Gawwad. Interactome Analysis and Docking Sites Prediction of Radiation Sensitive 23 (RAD 23) Proteins in Arabidopsis Thaliana. *Current Proteomics*, Volume 12, Number 1, March 2015, pp. 28-44(17)

**Jasmin Šutković** and **Amina Jasarevic.** A review on Nanoparticle and Protein interaction in biomedical applications. *Periodicals Of Engineering And Natural Sciences*. Vol. 4 No. 2(2016),34-40, ISSN 2303-4521

**Jasmin Šutković,** Daria Ler, Muhammed Ragab Abdel-Gawwad, *In vitro* production of solasodine in *Solanum nigrum* under salinity stress, *Journal of Phytology* 2011, 3(1): 43-49, ISSN: 2075-6240

**Jasmin Šutković,** Ena Šečić, Mohamed Ragab Abdel Gawwad. *Interactome Analysis and Docking Sites Prediction of Radiation Sensitive 23 (RAD 23) Proteins in Arabidopsis Thaliana.* *Current Proteomics*, Volume 12, Number 1, March 2015, pp. 28-44(17)

**Jasmin Šutković,** Emina Zahirović, Faruk Berat Akcesme, Betul Akcesme, Daria Ler, Mohamed Ragab Abdel Gawwad, *3D Structure Prediction of Replication Factor C Subunits (RFC) and their Interactome in Arabidopsis thaliana.* *Network Biology*, 2013, 3(2): 74-86, ISSN 22208879

**Jasmin Šutković,** Amar Čemanović and Mohamed Ragab Abdel Gawwad. *Comparative structural analysis of HAC1 in Arabidopsis thaliana.* *Network Biology*, 2014, 4(2): 67-73, ISSN 22208879

## NETWORKS AND MEMBERSHIPS

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### Memberships

- Član Skupštine- KJP Sarajevo-Šume (Board of trustees member of Sarajevo canton Forestry), January 2019- December 2019
- Research infrastructure reviewer for the ResInfra@DR Registry in the Danube region countries. (2018-ongoing)
- Agency of Development of Higher Education and Quality Assurance in BiH; Student expert for second-cycle studies in Bosnia and Herzegovina ([http://hea.gov.ba/Kvalitet/lista\\_eksperata/Default.aspx?id=1168](http://hea.gov.ba/Kvalitet/lista_eksperata/Default.aspx?id=1168)) - 2014 - 2020.
- IUS Senate member as Ph.D. student representative (February 2017- December 2020)
- Operation Research Society in BiH- Vice president - Dec. 2017- ongoing

## **DRIVING LICENCE**

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**Driving Licence:** AM

**Driving Licence:** B1

**Driving Licence:** BE

**Driving Licence:** B

## **ORGANISATIONAL SKILLS**

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### **Organisational skills**

Very good organizational skills gained as a management assistant to the director of research and development center with the International University of Sarajevo. Furthermore, the position of Vice manager of research and development center enabled me to have a stronger role in laboratory organization, technical management and association with common problems within such facility.

## **COMMUNICATION AND INTERPERSONAL SKILLS**

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### **Communication and interpersonal skills**

Very good communication skills gained through my experience as a teaching assistant at the university

## **JOB-RELATED SKILLS**

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### **Job-related skills**

- good management processes for laboratory management
- mentoring skills (as senior assistant, I was responsible for the training and induction of Bsc and Msc students )

## **OTHER SKILLS**

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### **Other skills**

Very good skill in molecular biology techniques (DNA, RNA and Protein isolation, PCR, RT PCR, cloning, transformation, Western blot, GMO detection etc..)

## PROJECTS

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### Projects

1. Project participant and person in charge within the International University of Sarajevo, for the project entitled: Genetic characterization and stress evaluation of autochthonous variety of pepper and onion from Herzegovina region. Completed (Link: <https://www.ius.edu.ba/project/geneticcharacterization-and-stress-evaluation-autochthonous-variety-pepper-and-onion-0>)
2. Food Safety Laboratory establishment at IUS. Project participant and organizer. Completed (Link: <https://www.ius.edu.ba/project/food-safety-laboratory>)
3. Western blot workshop. Participant and organizer. (Link: <https://www.ius.edu.ba/project/workshopwestern-blot-methods-gbe-labs>)
4. PathoGen workshop. Completed. Co-organizer: <https://news.ius.edu.ba/news/workshop-pahtogen-2017-successfully-completed>
5. Phytoremediation soil potential of domestic kale varieties in canton Sarajevo. Start: November 2017. External associate and coordinator in front of International University of Sarajevo. Joint project with Agricultural faculty Sarajevo.
6. Bioinformatic analysis of DNA repair proteins in *A. thaliana* - member
7. Expression levels of PCS1 gene under Cadmium (Cd) stress in *Nicotiana tabaccum*, Ravnjak genotype from Herzegovina - 2016- ongoing, project coordinator

## CERTIFICATIONS

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### Certifications

- TSE-EN/ISO 9001:2008 certificate - 2015
- EU - INTERREG- Training To Build Capacity For Evaluation, Planning, Monitoring, Impact Steered Operation And Management Of Research Infrastructures- Certificate 2018 - April, 24-27, 2018