



# Filip Bošković

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**Address :** Svetozara Markovića 44, Nova Pazova 22330, Serbia,

## EDUCATION

JUL 2014 - PRESENT

### **Bachelor of Molecular Biology and Physiology**

*Faculty of Biology, University of Belgrade – Serbia;*

SEP 2016 - FEB 2017

### **Research mobility – Erasmus +**

*Faculty of Earth and Life Sciences, VU University*

*Amsterdam - Netherlands;*

JUL 2015 - SEP 2015

### **Biology Undergraduate Summer School**

*Faculty of Science, University of Zurich – Switzerland;*

JUL 2010 - JUN 2014

### **Grammar school**

*Zemunska Grammar school, specialized for Science and Mathematics – Serbia;*

## LANGUAGES

Serbian | C2

English | C1

Slovenian | C1

Russian | B2

### **Laboratory Skills:**

PCR, NGS, Western Blot, work with cell culture, Confocal Microscopy, Scanning Electron Microscopy, Atomic Force Microscopy, Laser Diffractometry, X-ray Diffractometry, Atomic Absorbation Spectroscopy, UV/Vis Spectroscopy...

### **Bioinformatics Skills:**

Python, R, Unix, Stacks, BLAST, Galaxy

## RESEARCH EXPERIENCE

2015 - PRESENT

### **External Associate | Peter Szovenyi research group**

*Institute for Evolutional Biology and Environmental Sciences, University of Zurich*

### **Younger Associate | Life and Environmental science program**

*Regional Center for Talented Youth Belgrade II*

SEP 2015 - OCT 2015

### **Volunteer | Dragica Radojković research group**

*Institute for Molecular Genetics and Genetic Engineering, University of Belgrade*

DEC 2014 - PRESENT

### **Independent research | Collaboration with Borivoj Adnadjević, PhD and Bojana Banović, PhD**

*Faculty of Physical Chemistry and Institute for Molecular Genetics and Genetic Engineering, University of Belgrade*

FEB 2014 - MAY 2014

### **Internship | Colonel Prof. Ranko Raičević, M.D., PhD**

*Clinic for Neurology, Military Medical Academy, University of Defense*

2013 - 2015

### **Internship | 'Vincaonice' science program**

*Vinca Institute of Nuclear Sciences, University of Belgrade*

## REFERENCES

### **PETER SZOVENYI, PhD**

*Principal Research Fellow, University of Zurich*

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### **BORIVOJ ADNAĐEVIĆ, PhD**

*Principal Research Fellow, University of Belgrade*

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### **ALEKSANDRA NIKOLIĆ, PhD**

*Research Associate, IMGGE, University of Belgrade*

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### **MR. NIKOLA SRZENTIĆ**

*Director, Regional Center for Talented Youth Belgrade II*

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## AWARDS

2016

**Stephen W. Kuffler Research Award;**  
**Award for the best student of Municipality Stara Pazova;**

2015

**Fellowship for gifted and talented students, MESTD of the Republic of Serbia;**

2014

**Scholar and cadet of Privrednik Foundation for talented students;**  
**Zoisova fellowship for talented students with achievements, ME of the Republic of Slovenia;**

**Proposal for the Belgrade City Award, category: Youth Creativity in Science;**

**15<sup>th</sup> laureate of Grammar school Zemun;**

**Silver award – second place at the International Conference of Young Scientists – World Research Paper Contest;**

**Gold award, National Research Paper Competition for High School Students;**

**First place, National Talented & Research Paper Contest by Scientific Areas, Environmental sciences;**

**First prize, prize ‘Vinca Institute Contest’ for science poster presentation at the Vinca Institute of Nuclear Sciences;**

## MEMBERSHIP

**Member of Vinca Research Society;**  
**Member of Biochemical Society;**  
**Member of organizing committee of Belgrade International Molecular Life Science Conference 2016;**  
**Member of Faculty of Biology Academic and Scientific Council;**

## RESEARCH INTERESTS

**Molecular cell biology**  
**Molecular bioengineering**  
**Nanobiotechnology**  
**Genomics**  
**Bioinformatics**  
**System biology**

## CONFERENCE ATTENDANCE

2016

**Member | Section for environmental science and biogeography**  
*International Geography Olympiad 2016 - Beijing, China*

**Workshop holder | Plant Reproductive Genomics**  
*Plant and Animal Genome XXIV Conference - San Diego, California, USA*

**Participant | FISEC16**  
*International Student Environmental Conference - Belgrade, Serbia*

**Participant | FABelgrade 2016**  
*Conference on Fab Lab concept and Digital fabrication – Belgrade, Serbia*

2015

**Poster presentation | BIMLS 2015**  
*Belgrade International Molecular Life Science Conference for Students - Belgrade, Serbia.*

**Oral presentation | CBS “Simplast” 2015**  
*Congress of Biology Students’ “Simplast” - Zlatibor, Serbia*

2014

**Oral presentation | FISEC14**  
*International Student Environmental Conference - Belgrade, Serbia*

**Oral presentation | Student Research Day**  
*Student Research Day, Faculty of Biology, University of Belgrade - Serbia*

## BIBLIOGRAPHY

2016

In press, 2nd edition: **F. Bošković**, *Sv(e)t je u našim rukama*, Ministry of agriculture and environmental protection (environmental science handbook for schools, ‘World is in our hands’)

2015

**Boskovic F**, *Influence of Diatomite Microstructure on Adsorption Capacity for Heavy Metals*. In: Andrejevic T, editor. Proceedings of Graduation Works Defended in School Year 2013/2014. Belgrade: Andrejevic Endowment; 2015. p. 66-75. ISBN 978-86-525-0202-8

2014

**F. Bošković**, *Sv(e)t je u našim rukama*, Regionalni centar za talente Beograd II, Beograd, 2014. (environmental science handbook, ‘World is in our hands’, reviewers: Prof dr. Milutin Lješević, Institute for environmental protection, Faculty of Geography, University of Belgrade, Prof dr. Borivoj Adnadjević, Faculty of Physical Chemistry, University of Belgrade)

## STUDENT ACTIVISM

Student vice president for science and professional training, Faculty of Biology, University of Belgrade;

Vice president of Students’ Scientific Research Center of the Faculty of Biology;  
Vice president of National Geographic Olympiad 2016, president of Balkan Geographic Olympiad 2016 and member of Local Organizing Committee of International Geographic Olympiad 2017

Vice president of organizing committee of Biology Student Congress “Symbiosis” 2016