**Curriculum Vitae**

dr Aleksandra A. Rakić

### Date and Place of Birth: 3rd September 1979., Kruševac

### Home Address: Šejkina 60B, 11000 Belgrade, Serbia

### Mobile: +381642060853 Email: [saska@ffh.bg.ac.rs](mailto:saska@ffh.bg.ac.rs)

### **Languages:** Serbian (native), English (fluent), German (basic)

### **Interests:** Hiking, Natural and traditional remedies, Science

### promotion, Traveling, Bike riding, Swimming, Animal welfare

***Publications*:**

[Google scholar](https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F7azd_7WfPimiN0P03XnXBju7DDc55OCQdTMD56cNOTaw1k6RPO-dn3bTAzJAjxlKVGOpNCCIxdBZW0UK1khOzjdqb-1g&user=8jU98iwAAAAJ) [KoBSON](https://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Rakic%20Aleksandra%20A#.Xbt8k1VKjBQ) [Scopus](https://www.scopus.com/authid/detail.uri?authorId=10242374600)  [Research gate](https://www.researchgate.net/profile/Aleksandra_Rakic)

***Research interests: polymers and nanomaterials***

* **Synthesis and computational** treatment and application of polymer nanomaterials (conducting or non conducting, synthetic or biopolymers)
* **Methods for characterisation and analysis** of polymer materials: spectroscopy (FTIR, Raman, UV-Vis), electrochemistry, microscopy (SEM, TEM), XRD, XPS, adsorption methods
* Preparation of natural remedies and cosmetic recepies according to national tradition

*Education*

**Faculty of Physical Chemistry, University of Belgrade, Serbia**

**2014. PhD theses defended:** ''Polyaniline Nanostructures Synthesized By The Dopant-Free

Oxidative Polymerization of Aniline''

**2008. Magister theses defended:** ''Theoretical study of axially coordinated ligands in crystal

structures of porphyrin complexes''

**2003. Bachelor theses defended:** ''Global optimization and examples in molecular docking''

**1998. Graduated in Medical secondary school**

*Work Experience*

**Faculty of Physical Chemistry, University of Belgrade, Serbia**

### **from 2005. – Teaching assistant at courses**:

Physical Chemistry, Mathematical Methods in Physical Chemistry, Practicum in Mathematics for Physicochemists, Computer Science and Programming 101, Information Technologies in Physical Chemistry, Introduction to Laboratory Practice, Physical Chemistry of Macromolecules, Solid State Physical Chemistry, Physical Chemistry for students of Biochemistry, Physical Chemistry 2 for students of Chemistry

**from 2016. - Research assistant**

**Research projects**

* Ministry of Education, Science and Technological Development of the Republic of Serbia- Fundamental research in periods: from 2011 to date (Project No. 172043.) , **2006 – 2010** (Project No. 142025.) and **2003 – 2005** (Project No. 1448).