**BARBARA PEM, mag. pharm.**

Born: January 29th, 1994, Zagreb, Croatia

HRZZ identification number: 92df4ec0-d5c5-44d3-b630-a413b943ba8c

**Positions and Employment**

2017- assistant, Institute for Medical Research and Occupational Health

**Professional field**

Pharmaceutical Sciences, Nanomedicine

**Education**

**2012-2017** Graduate study of Pharmacy, Faculty of Pharmacy and Biochemistry, University of Zagreb

**Professional memberships**

Croatian Chamber of Pharmacists

**Awards / Organizing skills / Trainings / Mentorships**

2017 University of Zagreb Rector`s award

**Most relevant publications**

1. Pem, B.,González-Mancebo, D., Moros, M., Ocaña, M., Becerro, A.I., Pavičić, I., Selmani, A., Babič, M., Horák, D., Vinković Vrček, I. Biocompatibility assessment of up-and down-converting nanoparticles: implications of interferences with in vitro assays. Methods and applications in fluorescence. 7(1) 014001.
2. Pem, Barbara; Vrček, Valerije. Substituent effects on the stability of 1, 4-benzodiazepin-2-one tautomers. A density functional study. International journal of quantum chemistry. (2017) (accepted).
3. Pem, Barbara; Vrček, Valerije. Računalna studija tautomerizacije benzodiazepina FARMEBS 2017, 6. SIMPOZIJ STUDENATA FARMACIJE I MEDICINSKE BIOKEMIJE / Bojić, Mirza ; Sertić, Miranda (ur.). Zagreb : Zinam d.o.o., 2017. 45-45