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Poslijedoktorand sam u laboratoriju spektrometrije masa u firmi Genos čiji je fokus istraživanje glikozilacije, gdje sam kroz znanstveni rad produbila potrebu za konstatnim usavršavanjem i stjecanjem novih znanja. Rad sa studentima doživljavam kao priliku za dijeljenje dosad stečenog znanja i razvoj njihovih istraživačkih interesa.

RADNO ISKUSTVO

Istraživač
Genos d.o.o., Zagreb, Hrvatska
veljača 2016. –
Mladi istraživač na projektu Horizon 2020 GlyCoCan (Exploiting Glycosylation of Colorectal Cancer for the development of improved diagnostics and therapeutics)
veljača 2016. – siječanj 2019.

OBRAZOVANJE

Doktor znanosti u području biomedicine i zdravstva
Farmaceutsko-biokemijski fakultet Sveučilišta u Zagrebu
prosinac 2016. – veljača 2024.
Doktorski rad: Glikozilacija haptoglobina u kolorektalnom karcinomu

Magistar farmacije
Farmaceutski fakultet Univerziteta u Sarajevu, Bosna i Hercegovina
rujan 2010. – rujan 2015.
Završni rad: Uloga oksidativnog stresa u patogenezi Parkinsonove bolesti

Opća – realna gimnazija
Katolički školski centar „Sv. Josip“, Sarajevo, Bosna i Hercegovina
rujan 2006. – lipanj 2010.

DODATNA USAVRŠAVANJA

Gost istraživač
Leiden University Medical Center, Leiden, Nizozemska
svibanj / srpanj 2016.; travanj /svibanj 2017.; rujan 2018. – ožujak 2019.

Student na razmjeni
CEEPUS (Central European Exchange Program for University Studies) razmjena studenata
CEEPUS mreža: Novel diagnostic and therapeutic approaches to complex genetic disorders
Farmaceutsko – biokemijski fakultet Sveučilišta u Zagrebu
svibanj – srpanj 2015.

ZNANSTVENI RADOVI

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throughput IgG N-glycosylation sample preparation method development on the Tecan Freedom EVO platform. Biochem Medica 2024;34(2):020708.
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KONFERENCIJE I RADIONICE

1. 2nd Workshop on Mass Spetrometry in Life Sciences, Zagreb, Hrvatska, 2024.
   Usmeno izlaganje: LC-MS Analysis nad Data Processing of Complex Glycosylation Profiles
2. Tečaj HKMB-a Dijagnostičke primjene spektrometrije masa, Zagreb, Hrvatska, 2024.
   Usmeno izlaganje: Pregled primjena spektrometrije masa u bioanalitici ugljikohidrata i proteina
3. 25th International Symposium on Glycoconjugates, Milano, Italija, 2019.
   Usmeno izlaganje: Site-specific haptoglobin N-glycosylation changes in colorectal cancer
4. 6th Mass Spectrometry: Applications to the Clinical Lab (MSACL) 2019 EU Congress, Salzburg, Austrija, 2019.
   Poster: Šimunović, Jelena; Dotz, Viktoria; Trbojević-Akmačić, Irena; Novokmet, Mislav; Stavenhagen, Kathrin; de Neef, Lisa; Tollenaar, Rob A.; Mesker, Wilma E.; Kirac, Iva; Vučić Katarina; Pezer, Marija; Wuhrer, Manfred; Lauc, Gordan. Site-specific haptoglobin N-glycosylation changes in colorectal cancer
5. EuPA School on Practical Proteomics, Split, Croatia, 2017
   Poster: Šimunović, Jelena; Stavenhagen, Kathrin; Pezer, Marija; Lauc, Gordan; Wuhrer, Manfred. Haptoglobin Glycopeptide Analysis by nano-LC-ESI-MS/MS

VJEŠTINE

Engleski jezik: B2	Microsoft Office	Bruker Data analysis
Njemački jezik: A1	R programski jezik	Proteme Discoverer