

CURRICULUM VITAE

OSOBNI PODACI	
Prezime	Vidović
Ime	Nikolina
AKADEMSKO OBRAZOVANJE	
Dr. sc.	2018 – Università degli Studi di Milano, Italia
Mag. chem.	2014 – kemijski odsjek Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu
RADNO ISKUSTVO	
2021. poslijedoktorandica na Institutu za poljoprivredu i turizam Poreč	
2019. poslijedoktorandica na odsjeku za Industrijsku kemiju Sveučilišta u Milanu	
2014. – 2018. doktorandica na odsjeku za Industrijsku kemiju Sveučilišta u Milanu	
2012. – 2014. volonter na Institutu Ruđer Bošković, Zagreb	

A) ZNANSTVENI RADOVI

1. Speranza, Giovanna; Rabuffetti, Marco; **Vidović, Nikolina**; Morelli, Carlo; *Molbank* 2020, **M1147** (2020). (Q4)
2. **Vidović, Nikolina**; Horvat, Gordan; Riva, Davide; Rinkovec, Tamara; Cindro, Nikola; Tomišić, Vladislav; Speranza, Giovanna; *Org. Lett.*, **22**, (2020), 2129. (Q1)
3. **Vidović, Nikolina**; Recca, Teresa; Francescato, Pierangelo; Rabuffetti, Marco; Sironi, Maurizio; Oliva, Francesco; Pieraccini, Stefano; Speranza, Giovanna; *Int. J. Pep. Res. Therap.* **19** (2019). (Q3)
4. Sohora, Margareta; **Vidović, Nikolina**; Mlinarić-Majerski, Kata; Basarić, Nikola; *Res. Chem. Intermed.* **43** (2017), 5305. (Q2)

B) KONGRESNA PRIOPĆENJA

1. 2019 Giovanna Speranza, **Nikolina Vidović**, Sara Sangiorgio, Mattia Cambò, Kalliopi Avramidou, Filippo Fiorentini, Anna Peschiera, Silvia Rapacioli, Teodora Bavaro, Daniela Ubiali; Valorization of protein-rich biomass. Preparation and bioactivity of peptides from soybean proteins, International Forum on Industrial Biotechnology and Bioeconomy, Napoli, Italy.
2. 2019 Giovanna Speranza, **Nikolina Vidović**, Sara Sangiorgio, Mattia Cambò, Kalliopi Avramidou, Filippo Fiorentini, Anna Peschiera, Silvia Rapacioli, Teodora Bavaro, Daniela Ubiali; Enzymatic hydrolysis of protein-rich vegetable matrices. Production and bioactivity evaluation of Hydrolyzed Vegetable Proteins, Chemistry meets Industry and Society, Salerno, Italy.
3. 2019 **Vidović, Nikolina**; Avramidou, Kalliopi; Falletta, Ermelinda; Recca, Teresa; Marrubini, Giorgio; Sempoli, Riccardo; Bosco, Diego; Fiorentini, Filippo; Rapacioli, Silvia; Ubiali, Daniela; Speranza, Giovanna; Biocatalysis, circular economy and cosmetics: the BIOCOSM project, 26th Croatian Meeting of Chemists and Chemical Engineers, Šibenik, Croatia.
4. 2019 Horvat, Gordan; Tarana, Siniša; **Vidović, Nikolina**; Cindro, Nikola; Speranza, Giovanna; Tomišić, Vladislav; Complexation of homocyclopeptides with halides and oxoanions in acetonitrile and dimethyl sulfoxide, 26th Croatian Meeting of Chemists and Chemical Engineers, Šibenik, Croatia.
5. 2018 Rinkovec, Tamara; **Vidović, Nikolina**; Cindro, Nikola; Speranza, Giovanna; Horvat, Gordan; Tomišić, Vladislav; Thermodynamic and structural studies of the complexation of homocyclopeptides with halides and structural anions in acetonitrile, AdriaticNMR 2018, Mali Ston, Croatia.

6. 2018 **Vidović, Nikolina**; Riva, Davide; Horvat, Gordan; Cindro, Nikola; Tomišić, Vladislav; Speranza Giovanna; Ion-Assisted Synthesis of Cyclic Homopeptides, Euro Organic Chemistry, London, UK.
7. 2017 **Vidović, Nikolina**; Riva, Davide; Horvat, Gordan; Cindro, Nikola; Meštrović, Jerko; Tomišić, Vladislav; Speranza Giovanna; Metal-Ion-Assisted Synthesis of Cyclic Homopeptides, 25th Croatian Meeting of Chemists and Chemical Engineers, Poreč, Croatia.
8. 2015 **Vidović, Nikolina**; Biagiotti, Marco; Colzani, Barbara; Genta, Ida; Speranza Giovanna; Peptide-polymer conjugates as tools for selectively target EGFR, Met4pharm conference, Rovinj, Croatia.
9. 2014 **Vidović, Nikolina**; Sohora, Margareta; Basarić, Nikola; Mlinarić-Majerski, Kata; Synthesis of *N*-Phthalimidoadamantane tetra- and pentapeptides, X Meeting of Young Chemical Engineers, Zagreb, Croatia.

C) ZNANSTVENI PROJEKTI

1. 2020 - 2021 Suradnik na HRZZ projektu „Coordination reactions of macrocyclic ligands in solution (MacroSol)”.
2. 2019 - Suradnik na projektu „Hydrolyzed vegetable proteins and their application in cosmetic industry (Biocosm)”
3. 2019 - Suradnik na projektu „Study of the complexation of homocyclic peptides”
4. 2015 – 2018 Suradnik na projektu “Development of Supramolecular Receptors for Cations and Anions (SupraCar)”
5. 2011-2014 Volonter na projektu “Fotokemija policikličkih molekula: od istraživanja mehanizama reakcije do novih lijekova i medicinskih primjena”

D) MENTORSTVA

Završni radovi:

1. Sara Picinoli “Digestione enzimatica di proteine vegetali per l’ottenimento di peptidi bioattivi”, 2018/2019
2. Alessandro Beschi “Ion-assisted synthesis of cyclic tetra- and pentaisoleucine”, 2018/2019
3. Stefano Magni “Sintesi di precursori di ciclopeptidi”, 2018/2019
4. Davide Chirico “Sintesi del precursore lineare del peptide c[Pro-Val-Pro-Tyr]”, 2018/2019
5. Giorgia Corradi “Preparazione di precursori lineari dei peptidi ciclici c[Leu]₄ e c[Phe]₅”, 2018/2019
6. Davide Guzzetti “Preparazione di β-aminoalanina protetta a partire da Fmoc-L-Asn”, 2015/2016

Diplomski radovi

1. Giuseppe Mazzola “Preparazione e caratterizzazione di idrolizzati di proteine del riso”, 2018/2019
2. Davide Riva “Synthesis and head-to-tail cyclisation of linear homopeptides”, 2016/2017
3. Andrea Ghioni “Functionalized biopolymers for application in drug delivery”, 2014/2015