

Curriculum Vitae

Personal data

Name and surname: **Agnieszka Staśkiewicz**

Date and place of birth: 11.02.1994, Żagań, Poland

E-mail: agnieszkanatalia.staskiewicz@unifi.it

Education

10.2018 – present Wrocław University of Science and Technology, Faculty of Chemistry, Poland
PhD in Chemistry, title: Clicked analogues for the development of druggable oxytocin analogues, supervisors: prof. Anna Maria Papini (University of Florence, Italy) and prof. Rafał Latajka (Wrocław University of Science and Technology, Poland)

10.2016 – 07.2018 University of Wrocław, Faculty of Chemistry, Poland
MSc in Chemistry, title: The influence of the distribution of electron density around the phosphorus atom on the acidity of methylene atoms of hydrogen in the derivatives of triarylphosphoniumacetic acid, supervisor: PhD Eng. Alicja Kluczyk

10.2013 – 07.2016 University of Wrocław, Faculty of Chemistry, Poland
BSc in Chemistry, title: Methods of synthesis quaternary ammonium salts, supervisor: prof. Zbigniew Szewczuk

Publications

- A. Staśkiewicz, P. Ledwoń, P. Rovero, A.M. Papini, R. Latajka, Triazole-modified peptidomimetics: an opportunity for drug discovery and development, *Front. Chem.*, **2021**, 9, 674705, 1-16 .
- J.I. Krzciuk-Gula, P. Ledwoń, A. Staśkiewicz, R. Latajka, The influence of different β amino acid residues on coordinating abilities of peptides toward transition metal ions, *Wiadomości Chemiczne*, **2020**, 74, 285-310.
- P. Ledwoń, A. Staśkiewicz, M. Jewgiński, R. Latajka, Influence of Δ Phe residues on conformation of peptide chain, *Wiadomości Chemiczne*, **2020**, 74, 9-32.
- M. Kijewska, F. Nuti, M. Wierzbicka, M. Waliczek, P. Ledwoń, A. Staśkiewicz, F. Real Fernandez, G. Sabatino, P. Rovero, P. Stefanowicz, Z. Szewczuk, A.M. Papini, An Optimised Di Boronate ChemMatrix Affinity Chromatography to Trap Deoxyfructosylated Peptides as Biomarkers of Glycation, *Molecules*, **2020**, 25, 1-15.

Internships

- 10.2021 – 02.2022 – University of Florence, Italy (*Erasmus+ Traineeship*),
- 07.2020 – 08.2020 – University of Florence, Italy,
- 03.2020 – 07.2020 – University of Florence, Italy (*Erasmus+ Traineeship*),
- 06.2019 – 07.2019 – University of Florence, Italy (*BioTechNan*),
- 07.2018 – 09.2018 – University of Florence, Italy (*Erasmus+ Traineeship*),
- 02.2018 – 06.2018 – University of Florence, Italy (*Erasmus+*).

Conference communications

- **Oral presentations:**
 - A. Staśkiewicz, F. Nuti, M. Jewgiński, M. Larregola, O. Lequin, C.W. Gruber, M. Chorev, P. Rovero, R. Latajka, A.M. Papini, Design, synthesis, conformational studies, and biological activity of clicked oxytocin analogues, Symposium "PhD in Chemical Sciences at Unifi - PiCSU2022", 19-21.02.2022, Florence, Italy,

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- A. Staśkiewicz, L. Macchia, F. Nuti, M. Jewgiński, M. Chorev, P. Rovero, A.M. Papini, R. Latajka, Projektowanie i synteza cyklicznych analogów oksytocyny, Od teorii do eksperymentu - czyli wpływ reorganizacji wewnątrz- i międzycząsteczkowej na właściwości cząsteczek w mikro- i makroskali, 18.02.2021, Wrocław, Poland,
- A. Staśkiewicz, L. Macchia, F. Nuti, M. Jewgiński, M. Chorev, P. Rovero, A.M. Papini, R. Latajka, Design and synthesis of clicked oxytocin analogs, IV Doctoral Forum Jan Kochanowski University, 17-19.11.2020, Kielce, Poland,
- M. Kijewska, F. Nuti, M. Wierzbicka, M. Waliczek, P. Ledwoń, A. Staśkiewicz, T. Koch, F. Real-Fernandez, G. Sabatino, P. Rovero, P. Stefanowicz, Z. Szewczuk, A.M. Papini, The novel Boronic-ChemMatrix Resin to selectively fish out deoxyfructosylated peptides, 25th Polish Peptide Symposium, 08-12.09.2019, Wojanów, Poland,
- A. Staśkiewicz, M. Jewgiński, A.M. Papini, R. Latajka, Design and synthesis of [1,2,3]-triazolyl containing cyclo-nonapeptides, analogs of oxytocin, XVII Ogólnopolskie Seminarium dla Doktorantów i Studentów. Na pograniczu chemii i biologii, 12-15.05.2019, Jastrzębia Góra, Poland,
- A. Kluczyk, N. Zuzak, W. Pietrowicz, A. Staśkiewicz, A. Dambinova, R. Bąchor, B. Setner, M. Kijewska, P. Stefanowicz, Z. Szewczuk, Wittig reaction in peptide chemistry: application to the synthesis of peptide conjugates, 24th Polish Peptide Symposium, 03-07.09.2017, Jastrzębia Góra, Poland.
- **Posters:**
 - A. Staśkiewicz, L. Macchia, F. Nuti, M. Jewgiński, M. Chorev, P. Rovero, A.M. Papini, R. Latajka, Design, synthesis and conformational studies of clicked oxytocin analogs, 63. Annual Congress of Polish Chemical Society, 13-17.09.2021, Łódź, Poland,
 - A. Staśkiewicz, L. Macchia, F. Nuti, M. Jewgiński, M. Chorev, P. Rovero, A.M. Papini, R. Latajka, Design and synthesis of clicked oxytocin analogs, 25th Polish Peptide Symposium, 08-12.09.2019, Wojanów, Poland,
 - A. Kluczyk, T. Olszewski, N. Zuzak, W. Pietrowicz, A. Staśkiewicz, A. Dambinova, R. Bąchor, B. Setner, M. Kijewska, P. Stefanowicz, Z. Szewczuk, Od wymiany wodoru-deuteru do reakcji Wittiga na nośniku stałym: fosfobetainowe koniugaty peptydowe, 60. Annual Congress of Polish Chemical Society, 17-21.09.2017, Wrocław, Poland.

Research projects

- 10.2018 – present - Participation in the project *BioTechNan* – the programme of interdisciplinary cross-institutional post graduate studies KNOW in the field of Biotechnology and Nanotechnology at Wrocław University of Science and Technology in Poland and University of Florence in Italy,
- 03.2017 – 07.2018 - Cooperation in a research project 'Optimization of the structure of phosphobetaine peptide conjugates by way of new biologically active compounds' financed by the National Scientific Lead Center (KNOW) for the years 2014-2018 for the Wrocław Center of Biotechnology.

Scholarships and grants

- Grants as part of the *Erasmus+ Traineeship*,
- Motivational scholarship as part of the *BioTechNan* project,
- Travel scholarship for an internship at the University of Florence in Italy as part of the *BioTechNan* project (06.2019-07.2019),
- Scholarship of the President of Wrocław for Students going abroad (31.01.2018).

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Scientific Societies

- Italian Peptide Society (since 2022),
- Polish Chemical Society (since 2019),
- European Peptide Society (since 2019),
- European Chemical Society (since 2019).

Languages:

- Polish – the mother tongue,
- English – C1 level.

Websites:

- ORCID: <https://orcid.org/0000-0003-2111-6726>
- ReaserchGate: https://www.researchgate.net/profile/Agnieszka_Staskiewicz