

Jure Gregorc

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PhD Student in Synthetic Organic Chemistry

- Shared PhD between the University of Ljubljana and CY Cergy Paris University (EUTOPIA co-tutelle)
- Synthesis and biophysical evaluation of fluorinated amino acids and peptides
- Manual and automated solid-phase peptide synthesis
- Asymmetric organocatalysis

Research experience

Oct. 2020 – Oct. 2024 Ljubljana, Slovenia	PhD research: Department of Organic Chemistry, FKKT – University of Ljubljana Supervised by Prof. Iskra (27 months)
Oct. 2020 – Oct. 2024 Neuville-sur-Oise, France	PhD research: BioCIS laboratory (UMR 8076) – CY Cergy Paris Université Supervised by Prof. T. Brigaud and Prof. G. Chaume (21 months)
Jun. 2019 – Sep. 2020 Ljubljana, Slovenia	Master's degree research: Department of Organic Chemistry, FKKT – University of Ljubljana Supervised by Prof. U. Grošelj

Education

Oct. 2020 – Sept. 2024	Shared PhD in Chemical Sciences – University of Ljubljana and CY Cergy Paris Université Emergent fluorine-containing motifs for peptide design: Synthesis, SPPS and biophysical analysis.
Oct. 2018 – Aug. 2020	Master's degree in Chemistry (MSc), University of Ljubljana Non-covalent bifunctional organocatalysis: Optimization, CD analysis and reaction scope.

Publication list

Orcid link to the comprehensive list of my publications: <https://orcid.org/0009-0003-3705-0351>

- **J. Gregorc**, N. Lensen, G. Chaume, J. Iskra, T. Brigaud, *J. Org. Chem.* **2023**, 88, 18, 13169 – 13177.
Among top 20 most-read JOC articles in Sep. and Oct. 2023
- L. Ciber, S. Ričko, **J. Gregorc**, F. Požgan, J. Svete, H. Brodnik, B. Štefane, U. Grošelj, *Adv. Synth. Catal.* **2022**, 364, 980.

Selected conference presentations

Sept. 2023	French Symposium on Peptide Chemistry – GFPP – Fournols, France - <i>Oral presentation</i>
Jul. 2023	International Symposium on Fluorine Chemistry – ISFC – Quebec City, Canada - <i>Poster presentation</i>
Nov. 2022	Journées de Chimie Organique – SCF – Palaiseau, France - <i>Poster presentation</i>
May 2022	French Symposium on Fluorine Chemistry – CFCF – Forges-les-Eaux, France - <i>Oral presentation</i>

Scholarships & awards

Feb. 2021	Prešeren award for an outstanding Master's thesis – Faculty of Chemistry and Chemical Technology, UL
Sep. 2020 – Oct. 2023	Milan Lenarčič University Institution Scholarship – University of Ljubljana
Sep. 2021	Best poster award (1st place) – Slovenian Chemical Days 2021, Portorož

Other

Organization	Member of the organizational team – Materials for Energy and Environmental Application (Slovenian-Bavarian Summer School) >60 international Master of PhD students
Commercialization	Novel fluorinated amino acid building blocks marketed at Iris BioTech GmbH <i>Cost estimation, communication, preparation of products</i>

References

Pr. Jernej Iskra – jernej.iskra@fkkt.uni-lj.si

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Pr. Grégory Chaume – gregory.chaume@cyu.fr

Pr. Uroš Grošelj – uros.groselj@fkkt.uni-lj.si