

Curriculum Vitae

Katarzyna Rybicka-Jasińska



Date of birth 10.12.1989
Place of birth Poland
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EDUCATION

2014 – 2018 Institute of Organic Chemistry, Polish Academy of Sciences, Ph.D. degree with honors
2012 – 2014 The Faculty of Chemistry, University of Warsaw, Master of Science degree
2013 – 2014 Center of Forensic Science, University of Warsaw, Certificate
2008 – 2012 The Faculty of Chemistry, University of Warsaw, Bachelor of Science degree

PROFESSIONAL EXPERIENCE

From 2021 Assistant Professor at the Institute of Organic Chemistry, Polish Academy of Sciences
01.11.2019 – 31.09.2020 Post-doc, University of California, Department of Bioengineering, Research group of prof. Valentine Vullev, Riverside, USA
10.01 – 02.04.2018 Research stay, University of California, Department of Bioengineering, Research group of prof. Valentine Vullev, Riverside, USA
20.03 – 25.03.2016 Research stay, University of Regensburg, Faculty of Chemistry and Pharmacy, Research group prof. Burkhard König, Regensburg, Germany
12.09 – 09.10.2016 Research stay, University of Regensburg, Faculty of Chemistry and Pharmacy, Research group prof. Burkhard König, Regensburg, Germany

CONFERENCES

12.09 – 14.09.2021 5th International Conference on Bioinspired and Biobased Chemistry and Materials (N.I.C.E 2020), Nice, France, **oral presentation:** Uncommon Fluorescence in Nitroaromatic Systems
10.09 – 12.09.2018 Lecture Conference on Photochemistry, Munich, Germany, **poster:** Reactivity of Diazo Compounds Under Light Irradiation
11.10 – 15.10.2017 YoungChem 2017, Toruń, Poland, **poster:** Porphyrins As Photoredox Catalysts In Efficient C-C Bond Formation (audience award)
28.05 – 01.06.2017 231ST Electrochemical Chemical Society Meeting, New Orleans, USA, **poster:** Porphyrins As Photoredox Catalysts In Efficient C-C Bond Formation (award in *Porphyryns, Phthalocyanines and Supramolecular Assemblies: Nanocarbons* panel)

- 09.10 – 14.10.2016 The Polish-German Conference on Organic Chemistry, Warszawa, Polska, **oral**: Photocatalytic Reaction of Diazo compounds with Aldehydes
- 01.10 – 02.10.2015 ICIQ Symposium, Lights on chemistry, Tarragona, Spain
- 24.06 – 26.06.2015 IX Kopernikańskie Seminarium Doktoranckie, Toruń, Poland, **poster**: Kataliza enaminowa – enancjoselektywna metoda funkcjonalizacji aldehydów
- 07.07 – 18.07.2014 Erasmus Intensive Programme: Bioinspired Materials for Solar Energy Utilization, Crete, Greece
- 18.05.2014 ChemSession 2014, Warsaw, Poland (**poster**: Asymmetric C-H photooxidation of aldehydes at the α - position)
- 09.10 – 13.10.2013 Young Chem 2013, Poznań, Poland (**poster**: Chiral Porphyrins as both a Photosensitizer and Organocatalyst)

PUBLICATIONS

- 1 K. Rybicka-Jasińska, J. B. Derr, V. I. Vullev, *Pure Appl. Chem.* **2021**, doi: 10.1515/pac-2021-0323.
- 2 J. B. Derr, **K. Rybicka-Jasińska**, E. M. Espinoza, M. Morales, M.K. Billones, J.A. Clark, V. I. Vullev *Molecules* **2021**, 11, 429.
- 3 K. Buczek, K. Deryło, M.Kutyła, **K. Rybicka-Jasińska**, D. Gryko, G. Borsuk, B. Rodzik, M. Trytek *MDPI Insects* **2020**, 11(8), 504.
- 4 J. B. Derr, J. Tamayo, J. A. Clark, M. Morales, M. F. Mayther, E. M. Espinoza, **K. Rybicka-Jasińska**, V. I. Vullev *Phys. Chem. Chem. Phys.* **2020**, DOI:10.1039/d0cp01556c.
- 5 **K. Rybicka-Jasińska**, V. I. Vullev *J. Photoch. Photobio. A* **2020**, doi: 10.1016/j.jphotochem.2020.112779.
- 6 K. Buczek, M. Trytek, K. Deryło, G. Borsuk, **K. Rybicka-Jasińska**, D. Gryko, M. Cytryńska, M. Tchórzewski *Scientific Reports* **2020**, 10, 11553, doi: 10.1038/s41598-020-68420-5
- 7 K. Goliszewska, **K. Rybicka-Jasińska**, J. A. Clark, V. I. Vullev, D. Gryko *ACS Catal.* **2020**, DOI: 10.1021/acscatal.0c00200
- 8 K. Orłowska, **K. Rybicka-Jasińska**, P. Krajewski, D. Gryko *Org. Lett.* **2020**, DOI: 10.1021/acs.orglett.9b04560;
- 9 K. Goliszewska, **K. Rybicka-Jasińska**, J. Szurmak, D. Gryko *J. Org. Chem.* **2019**, 84, 15834-15844;
- 10 Ł. W. Ciszewski, **K. Rybicka-Jasińska**, D. Gryko *Org. Biomol. Chem.* **2018**, 17, 432-448;
- 11 **K. Rybicka-Jasińska**, K. Orłowska, M. Karczewski, K. Zawada, D. Gryko *Eur. J. Org. Chem.* **2018**, 47, 6634-6642;
- 12 A. A. Ptaszyńska, M. Trytek, G. Borsuk, K. Buczek, **K. Rybicka-Jasińska**, D. Gryko *Scientific Reports* **2018**, 8, Article Number: 5523;
- 13 **K. Rybicka-Jasińska**, B. König, D. Gryko *Eur. J. Org. Chem.* **2017**, 2104-2107;
- 14 **K. Rybicka-Jasińska**, W. Shan, K. Zawada, K. M. Kadish, D. Gryko *J. Am. Chem. Soc.* **2016**, 138, 15451-15458;
- 15 **K. Rybicka-Jasińska**, Ł. W. Ciszewski, D. Gryko *J. Porphyrins Phthalocyanines* **2016**, 20, 76-95;
- 16 **K. Rybicka-Jasińska**, Ł. W. Ciszewski, D. Gryko *Adv. Synth. Catal.* **2016**, 358, 1671-1678;

- 17 D. J. Walaszek, **K. Rybicka-Jasińska**, S. Smoleń, M. Karczewski, D. Gryko *Adv. Synth. and Catal.* **2015**, 357, 2061-2070;
- 18 D. J. Walaszek, K. Maximowa, **K. Rybicka-Jasińska**, A. Lipke, D. Gryko *J. Porphyrins Phthalocyanines* **2014**, 18, 493-505;

GRANTS AND AWARDS

- June 2021 **National Science Center Poland – GRANT SONATA** (UMO-2020/39/D/ST4/01510) *Photoelectrocatalysis in parallel, paired electrolysis – zero-waste approach for modern organic synthesis.*
- 25.05.2019 **START award**, Foundation for Polish Science
- December 2017 **President of the Polish Academy of Sciences award** for extraordinary doctorate students
- 01.10.2017 – 01.10.2018 **National Science Center Poland – GRANT ETIUDA** (UMO-2017/24/T/ST5/00032) *Porphyrins as photoredox catalysts in C-C bond formation*
- 28.05.2017 – 01.06.2017 231ST Electrochemical Chemical Society Meeting, New Orleans, USA, **TRAVEL GRANT**
- 12.09.2016 – 09.10.2016 **iPUR program**, Germany, student internship, Regensburg, Research group prof. B. König
- 09.02.2017 – 09.02.2019 **National Science Center Poland – GRANT PRELUDIUM** (UMO-2015/19/N/ST5/03669) *Bioinspired photoredox catalysis – system based on free-base porphyrins*