

Curriculum vitae

Name Dávid Bajusz
Date of birth 27 Jan. 1990
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Education

2008-2011: University of Debrecen (Debrecen, Hungary), Chemistry Bsc (with honors)
Supervisor: Dr. Gábor Lente
BSc thesis: Oxidation of formate ion with periodate and osmium-tetroxide (in Hungarian)
2011-2013: University of Debrecen (Debrecen, Hungary), Chemist MSc
Supervisor: Dr. István Komáromi
MSc thesis: Structure and function of the P2Y₁₂ receptor: *in silico* studies (in Hungarian)
2013-2017: Budapest University of Technology and Economics, PhD in Chemistry
Supervisor: Prof. György Miklós Keserű, DSc, FRSC
PhD thesis: Discovery of novel Janus kinase inhibitors by virtual screening

Employment

Medicinal Chemistry Research Group
Research Centre for Natural Sciences (Budapest, Hungary)

- 2013-2017: research assistant
- 2017-: research fellow

Research areas: computational drug discovery, medicinal chemistry, cheminformatics

Presentations of research

Number of accepted publications:	26
Number of book chapters co-authored:	3
Number of lectures held or co-authored:	30
Number of posters:	24

Spoken languages

Hungarian (native), English (fluent), German (basic), Dutch (basic)

Other activities

2019	Organizer and webpage designer, Conferentia Chemometrica 2019 Karcag
2018	Short-term visit, Copenhagen School of Chemometrics 2018, Denmark (2 weeks)
2017	Organizer and webpage designer, Conferentia Chemometrica 2017 Gyöngyös-Farkasmály
2016 June	Tutor, 8th „Curious Chemist Research Camp” for high-school students
2015	Guest research period at Vrije Universiteit Amsterdam, Netherlands (3 months)
2015	Organizer and webpage designer, Conferentia Chemometrica 2015 Budapest

- 2014 Sept Research visit at Poznań University of Technology, Department of Organic Chemistry, Poznań, Poland (1 week)
- 2014 Organizer and webpage designer, GLISTEN Budapest 2014 Conference
- 2009-2013 Teaching Assistant at the Department of Inorganic and Analytical Chemistry, University of Debrecen
- 2009-2013 UD Hatvani István Students' Association, member

Awards, prizes, scholarships

- 2019 Junior Prima Prize in Hungarian Science
- 2018 Special award of the Hungarian Chemical Society, Analytics Days 2018, Balatonszemes, Hungary
- 2018 Prize for best oral presentation from a young scientist, Winter Symposium on Chemometrics 11, Saint-Petersburg, Russia
- 2015 COST (European Cooperation in Science and Technology) scholarship for Short-Term Scientific Mission
- 2013 Pro Scientia Gold Medal
- 2013 Special award of the Undersecretary of Environment of the Ministry of Agriculture (Hungary)
- 2013 XXXI. National Scientific Students' Associations Conference 1st prize (Chemistry and Chemical Industry Section, Reaction Kinetics and Catalysis subsection, awarded lecture: Chemical reactions in the Os(VI)-Os(VIII)-periodate-formate system)
- 2011 Excellent Student of the University of Debrecen award
- 2011 Scientific Students' Associations Conference, UD, Chemistry Section, 1st prize
- 2009-2013 Scholarship of the Hungarian Republic, three times
- 2009-2013 Scholarship of the UD Talented Students' Programme

Peer reviews for

ACS Omega, Biomolecules, Cancers, Computational Biology and Chemistry, Computer Methods and Programs in Biomedicine, European Journal of Medicinal Chemistry, Future Medicinal Chemistry, International Journal of Environmental Research and Public Health, Journal of Chemical Information and Modeling, Journal of Cheminformatics, Journal of Chemometrics, Molecular Diversity, Molecules, New Journal of Chemistry, Phytomedicine, RSC Advances, Scientific Reports

Biosketch

Dávid Bajusz graduated as a chemist from the University of Debrecen, and received his PhD in chemistry from the Budapest University of Technology and Economics. Since 2017, he is employed as a postdoctoral researcher in the Medicinal Chemistry Research Group, led by György M. Keserű, in the Research Centre for Natural Sciences in Budapest, Hungary. His main research interests include medicinal chemistry, computational drug discovery and cheminformatics, and he is involved in several international collaborative research efforts in these areas. He has co-authored 26 publications, as well as three book chapters in major reference works, and was awarded for his accomplishments with the Junior Prima Prize in the category of Hungarian Science in 2019. In addition to his research work, he has co-organized several conferences and regularly provides peer reviews for major scientific journals of his field.