

CURRICULUM VITAE

Name: Vörös Zoltán János
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Studies and skills:

2021- **University of Debrecen, Doctoral School of Chemistry**

2019-2021 **University of Debrecen, Faculty of Science**
Chemist MSc, analytical specialization (degree of certificate: with honor)

2015-2018 **Eötvös Loránd University, Faculty of Science**
Chemist BSc (degree of certificate: with honor)

2010-2015 **Váci Mihály Grammar School**

Workplace, position:

2021- **University of Debrecen, Department of Physical Chemistry**
PhD student

Scientific experience:

- Study of phosphate sorption on soil by heterogenous isotopic exchange, mathematical modelling of sorption kinetics (2019-)
- Examination of phosphate sorption kinetics by conductometry (2021-)

Educational activity:

- Physical chemistry VIII laboratory for MSc students, in Hungarian

Languages:

- German (deutsch): C1 level (Origo) written + oral exam (2012, no. c.: 1500318, 1481061)
- English: C1 level (Origo) written + oral exam (2015, no. c.: 1681926, 1670496)
- Russian (Русский): basic level

Computer skills:

- Use of Microsoft Office, Origin, Paint, PhoXo, VideoPad Video Editor
- Web programming, webdesign at intermediate level (HTML, CSS, Javascript)

Competition results, scholarships:

2020	National Scholarship for Higher Education
2020	Participation in Scientific Student Conference at Faculty of Sciences, University of Debrecen, thesis suggested for National Scientific Student Conference (OTDK)
2020	Participation in National Student Conference for Environmental Sciences (OFKD)
2019	Participation in Scientific Student Conference at Faculty of Sciences, University of Debrecen, thesis suggested for National Scientific Student Conference (OTDK) and National Student Conference for Environmental Sciences (OFKD)
2019	Vértés Attila Fee Competition for Young Researchers, participation with article and presentation (Autumn Radiochemical Days, Balatonszárszó)
2019	Problem Solving Competition in Organic Chemistry (SZKPV), 4th place
2018	Problem Solving Competition in Organic Chemistry (SZKPV), 4-5th place
2017	ELTE University Competition in Analytical Chemistry, 2th place
2016	Problem Solving Competition in Organic Chemistry (SZKPV), 3th place, „the best first year student” special prize
2015	Participation in International Chemistry Olympiad (IChO) (Baku, Azerbaijan)
2015	Participation in International Mendeleev Olympiad (Yerevan, Armenia)
2015	National Competition in Chemistry, 6th place
2015	Journal for High School Students in Chemistry, competition „H” (advanced), 1th place
2015	Journal for High School Students in Chemistry, Chemistry in English translator competition, 4th place
2014	National Competition in Chemistry, 14th place
2014	Journal for High School Students in Chemistry, competition „H” (advanced), 1th place
2014	Journal for High School Students in Chemistry, Chemistry in German translator competition, 1th place
2014	Competition in Chemistry in Memory of Madam Curie, 4th place
2013	National Competition in Chemistry, 26th place
2013	Journal for High School Students in Chemistry, competition „H” (advanced), 5th place
2013	Journal for High School Students in Chemistry, Chemistry in German translator competition, 1th place
2012	Competition in Chemistry in Memory of Madam Curie, 4th place
2012	Journal for High School Students in Chemistry, competition „K” (beginner), 1th place
2012	Journal for High School Students in Chemistry, Chemistry in German translator competition, 1th place
2011	Irinyi János Competition for Secondary School Students, 22th place
2011	Journal for High School Students in Chemistry, competition „K” (beginner), 1th place
2011	Journal for High School Students in Chemistry, Chemistry in German translator competition, 1th place

Science distribution activity:

- Matematika Érthetően (Mathematics Clearly) Youtube channel (2019-)

www.youtube.com/channel/UCHU6RdnbXul_TTbXqtwJP-w

15th of April, 2021