

PERSONAL INFORMATION

Dr. Roland Wirth



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Sex male | Date of birth 30/12/1986 | Nationality Hungarian

POSITION

Postdoctor

WORK EXPERIENCE

2014-2015 Research fellow (University of Szeged, TTIK, Department of Biotechnology)

- Biogas production, metagenomics
- Alternative microalgae cultivation

2015-2020 Research fellow (University of Szeged, TTIK, Department of Biotechnology)

- Intensification of biogas production by using alternative substrates
- Experimental investigation of microbiome in different habitats (biogas, oral, gastrointestinal)

2020- Research fellow (ELKH, Biological Research Centre, Institute of Plant Biology)

- Investigation of microalgal-bacterial associations
- Biogas intensification by using alternative substrates
- Metagenomics and bioinformatics

EDUCATION AND TRAINING

Doctoral degree
University of Szeged, Faculty of Science and Informatics
2010-2014

Certified teacher of religion
University of Szeged, Gál Ferenc College
2005-2011

Certified teacher of biology
University of Szeged, Faculty of Science and Informatics
2005-2010

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2/2	C2/2	B2/2	B2/2	B1/2
Intermediar language certificate					
German	A1/2	A1/2	A1/2	A1/2	A1/2
Basic language certificate					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- Communication skills** ▪ good communication skills gained through my experience as student project leader
- Job-related skills** ▪ leading of student's projects, holding experimental lectures
- Computer skills** ▪ good command of Microsoft Office™ tools, and metagenomical analysis tools: MG-RAST, MEGAN, Diamond, Kraken, Kaiju, Anvi'o, Metawrap, STAMP, Metacomēt, Metagenassist, Galaxy, UNIX programming
- Driving licence** ▪ B

ADDITIONAL INFORMATIONS

Applications and regards:

2013 University of Szeged Innovation Reward I
 2015 Hungarian Microbial Association Best young author in Industrial Microbiology section
 2016 National Association of Doctoral Students Community for Science Award
 2016 NKFIH Posztdoktori kiválósági program (PD-16)
 2019 NKFIH Posztdoktori kiválósági program (PD-19)
 2021 Magyar Mikrobiológiai Társaság Legjobb fiatal szerző Ipari mikrobiológia szekcióban
 2022 NKFIH Fiatal Kutatói Ösztöndíj (FK-22)
 2022 MTA Bolyai János Kutatási Ösztöndíj (BO)
 2022 ÚNKP Bolyai+ Felsőoktatási Fiatal Oktatói Ösztöndíj (ÚNKP)

Szervezet:

National Association of Doctoral Students: Department of Biology and Chemistry
 2013 – 2015 Vice president – 2016 – Alumni member