

CURRICULUM VITAE

PERSONAL DETAILS

Name: Dr. Rita Zsanett Ungai-Salánki
Birth name: Rita Zsanett Salánki
Place and date of birth: Debrecen, 12/06/1988
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PROFESSIONAL EXPERIENCE

2018 -	Eötvös University, Department of Biological Physics	Postdoctoral researcher
2016 - 2018	CellSorter Company for Innovations	Research developer biologist
2015 - 2016	Hungarian Academy of Sciences, Institute for Technical Physics and Materials Science, Centre for Energy Research	Research assistant

EDUCATION

2012 – 2016	University of Pannonia, Faculty of Engineering Informatics, Doctoral School of Molecular and Nanotechnologies	PhD
2010 – 2012	University of Debrecen, Faculty of General Medicine (immunology, cell and microbiology)	Certified molecular biologist
2007 – 2010	University of Debrecen, Faculty of Science and Technology (laboratory operator specialization)	Bachelor of biologist
2003 – 2007	Ady Endre Grammar School, Debrecen	Graduation certificate

LANGUAGES

2014	Basic written	German
2006, 2007	Intermediate	English

OTHER COURSES

2011	University of Debrecen	Extended radiation protection certificate
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SCIENTIFIC AWARDS

2017	PD_17 Postdoctoral Excellence Program (High-throughput single cell manipulation and picoliter scale sampling of cell cultures)	National Research, Development and Innovation Office
2015	Scientific lecture (Automated sorting and manipulation of single cells on microscope)	Microtrade Scientific Symposium

2015	Young researcher competition, I. place	Microtrade Kft.
2015	Scientific presentation (Automated single cell adhesion with computer-controlled micropipette)	Hungarian Biophysical Society
2015	Short term study tour in Lisbon	Balassi Institute, Campus Hungary, National Excellence Program
2014	Scientific presentation (Automated single cell adhesion with computer-controlled micropipette)	MTA TTK Doctoral Conference

RESEARCH

2018 -	High-throughput single cell manipulation and picoliter scale sampling of cell cultures	Eötvös University, Department of Biological Physics
2016 - 2018	Development a subnanoliter precision piezo pipette for single cell isolation and droplet printing	CellSorter Kft.
2012 - 2016	Investigation of cell adhesion with a computer-controlled micropipette and optical biosensors	MTA EK MFA; Eötvös University, Department of Biological Physics
2010 - 2012	Examination of hypoxia with Pet radiopharmaceuticals (MA diploma thesis)	Debrecen, Institute of Nuclear Medicine
2008 - 2010	Investigation of monoblastic leukemia with Pet radiopharmaceuticals (BA diploma thesis)	Debrecen, Institute of Nuclear Medicine

SCIENTIFIC PUBLICATIONS AND LECTURES

Number of **scientific publications** in international journals: 13

Number of **publications submitted or to be submitted**: 2

Number of **conference presentations and posters**: 25

Budapest, 06/08/2020