

Curriculum vitae

Personal information:

Name: Dr. Szilvia Berkó

Current position: associate professor

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Email: berko.szilvia@szte.hu

Education:

1997 pharmacist diploma - Faculty of Pharmacy, Albert Szent-Györgyi Medical University, Hungary

2003 PhD degree - Faculty of Pharmacy, University of Szeged, Hungary

2004 Specialist, pharmacist in pharmaceutical technology - Faculty of Pharmacy, University of Szeged, Hungary

2019 Habilitation degree - Faculty of Pharmacy, University of Szeged, Hungary

Workplaces, positions:

1997-2001 teaching assistant - Department of Pharmaceutical Technology, Albert Szent-Györgyi Medical University, Hungary

2001-2015 assistant lecturer - Department of Pharmaceutical Technology, University of Szeged, Hungary

2015-2020 assistant professor - Department of Pharmaceutical Technology and Regulatory Affairs, University of Szeged, Hungary

Since 2020 associate professor - Department of Pharmaceutical Technology and Regulatory Affairs, University of Szeged, Hungary

Teaching Activity:

Pharmaceutical Technology 2: lecturer

Pharmaceutical Cosmetology 1-2: lecturer

Pharmaceutical nanotechnology: lecturer

Prescription Pharmacy: practical teacher

Pharmaceutical Technology: examiner

Board Exam, Practical part: examiner

PhD works: supervisor

Diploma works: supervisor

ERASMUS coordinator of Faculty of Pharmacy

Research activity:

Development of semisolid dosage forms.

Investigation of lipid nanoparticles (SLN/NLC).

Investigation of „in situ film forming systems” for dermal use.

Investigation and modification of skin penetration.

Investigation of active and passive penetration enhancing methods.

Development of dermal dosage forms for preclinical and clinical trials.

Publication activity:

IF: 134,054 (03. 2021)

Independent citation: 449 (03. 2021.)

Hirsh index: 14 (03. 2021.)

MTMT link:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10011282>

Memberships of scientific societies:

Since 1997 Member of the Hungarian Pharmaceutical Society, Hungary

Since 2003 Member of Public Body of Hungarian Academy of Sciences, Hungary

Fellowships and awards:

2003 CEEPUS scholarship - Department of Pharmaceutical Technology, University of Ljubljana, Slovenia

2017 TÉT scholarship, Faculty of Electrical Engineering, University of Ljubljana, Slovenia

2011 Virtuous Teacher of Faculty of Pharmacy - award received from University of Szeged

2017 Virtuous Teacher of Faculty of Pharmacy - award received from University of Szeged

2018 Best supervisor of the Year at Faculty of Pharmacy

Research projects:

Development for pharmaceutical industries:

Development of medicated hydrogel 2009-2010

Development of medicated cream 2009-2011

Investigation of nonactive systems 2011

Investigation of skin penetration of medicated hydrogel 2012

Development of vaginal cream 2011-2012

Development of nanostructured system for dermal application 2011-2013

Development of antipruritic cream 2017-2019

Development of liquid dermal preparation 2019-2020

Development of cream containing medicinal water 2019-2020

Fundings:

Participation as researcher:

2009-2011 TÁMOP-4.2.2-08/1-2008-0001

2010-2012 TÁMOP-4.2.1/B-09/1/KONV-2010-0005

2009-2012 TÉT scholarships, NKTH-A*STAR (Singapur)

2013-2014 TÁMOP-4.2.2. A-11./1/KONV-2012-0035

2013-2014 TÉT_12_RO-1-2013-0033

Victor Babes Medical University of Medicine and Pharmacy Tmisoara,
Romania

2014-2015 TÁMOP-4.1.1. C-13./1/KONV-2014-0001

2016-2020 GINOP – 2.2.1-15-00023

2016-2018 GINOP – 2.2.1-15-00007

2017-2018 TÉT-16-1-2016-0062

University of Ljubljana Faculty of Electrical Engineering Ljubljana,
Slovenia

2017-2020 EFOP 3.6.2-16-2017-00009

2017-2020 EFOP 3.6.2-16-2017-00006