

# Curriculum Vitae

## PERSONAL DETAILS

Surname: Ferencz  
First name: Andrea  
Degree: MD, PhD, med.habil.  
Date of birth: 12 May, 1972.  
Place of birth: Balassagyarmat (Hungary)  
Nationality: Hungarian  
Telephone numbers: Mobil: +36-20-666-3312 Work: +36-1-459-1500/56575  
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## EDUCATION AND QUALIFICATIONS

### University:

Graduation: 1992-1998 University of Pécs, Medical School, Doctor of Medicine, Pécs (MD) (Diploma date: 16 September, 1998), N<sup>o</sup>: 69-38/1998, qualification: cum laude

Post graduation: 1998-2003 University of Pécs, Medical School, Doctor of Philosophy, Pécs (PhD) (Diploma date: 14 March, 2003), N<sup>o</sup>: 13/2003, qualification: summa cum laude

PhD thesis: Moderation of oxidative stress during experimental small bowel autotransplantation. Studying the ischemia-reperfusion injury and ischemic preconditioning of the intestine.

2005/2006 academic year, Diploma of European Society for Organ Transplantation, Hesperis Course in Transplantation, Vienna/Padova.

2010 University of Pécs, Doctor Habilitata, Pécs

(Dr. Habil) (Diploma date: 27 September, 2010). N<sup>o</sup>: 39/2010/habil/a)

Specialization: 2006 Semmelweis University, Budapest, general surgeon specialist (Date: 14 December, 2006) N<sup>o</sup>: 1427/2006, qualification: excellent

2007-2010 University of Pécs, Faculty of Law, as Medical doctor possessing a Law degree, Pécs (Diploma date: 13 March, 2010) N<sup>o</sup>: PTK002977

## WORKPLACE

Semmelweis University, Medical School, Department of Surgical Research and Techniques  
H-1089 Budapest, Nagyvarad sqr. 4. Hungary. Phone: +36-1-459-1500/56575

Web-site: <http://semmelweis.hu/mutettan>

Position held: associate professor

## SCIENTIFIC WORK

1995-1998 Joining to the student research program at the Department of Surgical Research and Techniques affiliated to Medical School of University of Pécs. The research topic was: Monitoring of neutrophil function and inflammatory mediators in acute pancreatitis.

1998-2001 As a PhD fellow of the Hungarian Ministry of Education joining to the PhD program under the title of "Examination of pathological state of circulation in in-vivo surgical models and clinical practice" (A-327). I started my investigations in the fields of small bowel transplantation, cold preservation, ischemic preconditioning, and cell signalling research.

2002 Fellow of the University of Pécs ("Donhoffer Szilárd Predoctoral Fellowship).

2002-2003 Research fellow at the Department of Surgical Research and Techniques.

- 2003-2006 Assistant lecturer at the Department of Surgical Research and Techniques.  
2006- Assistant professor at the Department of Surgical Research and Techniques.  
2008. 09. 01.-2009. 09. 01. Deputy head of the Department of Surgical Research and Techniques.  
2010- Assistant professor at the Department of Surgical Research and Techniques of Semmelweis University  
2011- Associate professor at the Department of Surgical Research and Techniques of Semmelweis University

## **AWARDS**

1997. II. Prize. "Monitoring of neutrophils functions and inflammatory mediators in acute pancreatitis" titled oral presentation was awarded in National Student Research Conference (Pécs, Hungary).  
1997. II. Prize. "The role of inflammatory mediators in acute pancreatitis" titled doctorandus thesis was awarded by the President of University of Pécs (Pécs, Hungary).  
1999. National Hungarian Young Investigator Award. "Monitoring the ischemia-reperfusion changes during small bowel autotransplantation" titled lecture was awarded on the meeting of the Hungarian Surgical Society (Szeged, Hungary).  
2001. Walter Brendel Award. „The effects of preconditioning on the oxidative stress in small bowel autotransplantation" titled oral presentation was granted by Walter Brendel Award on the meeting of the European Society for Surgical Research (Santiago de Compostela, Spain). Invited lecture holding on the 63<sup>rd</sup> Annual Meeting of the Society of University Surgeons (Honolulu, Hawaii, USA).  
2006. Emerich Ullmann Award. "Influence of classic and delayed preconditioning on the oxidative stress prior to small bowel autotransplantation" titled oral presentation was granted on the VIII<sup>th</sup> Congress of the Hungarian Transplantation Society (Zalakaros, Hungary).  
2009. Emerich Ullmann Award. "Demonstration of protective effect of ischemic postconditioning during small bowel autotransplantation" titled oral presentation was granted on the XI<sup>th</sup> Congress of the Hungarian Transplantation Society (Galyatető, Hungary).

## **SCHOLARSHIPS**

- 2002 University of Pécs, "Donhoffler Szilárd Predoctoral Fellowship".  
2007-2010 Bolyai János Scholarship of the Hungarian Academic of Science.  
2009 University of Pécs, Berde Botond Scholarship.

## **RESEARCH FIELD**

Research experience is the examination of ischemia-reperfusion injury during cold preservation and autotransplantation of the small bowel, studying the cell signalling mechanisms of ischemic pre- and postconditioning and endogenous adaptation of the small intestine.

## **RESEARCH FIELD TRIP**

2000. Chirurgische Universitätsklinik Würzburg, Experimentelle Chirurgie und Transplantationsimmunologie, Würzburg, Germany.  
2009. Karolinska University Hospital, Transplantation Clinic (Head: Prof. Dr. Gunnar Tyden), Theme: „AB0-incompatible kidney transplantation in the clinical practice) (Stockholm, Sweden).

## **MEMBERSHIPS**

- 2000- Hungarian Surgical Society  
2001- Hungarian Free Radical Research Society  
2003- The Transplantation Society, Intestinal Transplant Association Section (Member N<sup>o</sup>: 7011)  
2005-2009 Hungarian Resuscitation Society

2006-2008 General Medical Council of United Kingdom (Full Registration, GMC N<sup>o</sup>: 6142202)  
2007- Hungarian Transplantation Society  
2007- European Society for Organ Transplantation  
2007- Hungarian Academic of Science (Public Body Membership, Member N<sup>o</sup>: 17714)  
2009- The Transplantation Society, Women Leaders in Transplantation

## **LANGUAGE**

English: Medical professional language exam C type (N<sup>o</sup>: FA1262/2000)  
German: Medical professional language exam C type (N<sup>o</sup>: FN117/2002)

## **GRANTS**

1998. Pro Renovanda Cultura Hungariae Foundation supported travel grant.  
1999-2002. Hungarian Scientific Research Fund Award (F030630).  
1999. National Committee for Technological Development supported grant (MEC-01321/99).  
1999. University of Pécs, Medical School, Council of Doctors supported travel grant (117-880/1999).  
2000. National Committee for Technological Development supported grant (MEC-00812/00).  
2001. National Committee for Technological Development supported grant (MEC-00715/2001).  
2001. Univ. Pécs, Medical School, PhD and Habilitation Council supported grant (117-927/2001).  
2002. "Donhoffer Szilárd Predoctoral Fellowship supported by University of Pécs.  
2002. Transplantation in Pécs Foundation supported travel grant.  
2002. University of Pécs, Finance Committee supported travel grant (KüKR-47/2002.KI).  
2002. European Society for Surgical Research (ESSR) supported travel grant.  
2002-2005. The National R&D Programme Grant (NKFP/1/A00026/2002.).  
2004-2007. Hungarian Scientific Research Fund Award (F046593 OPR).  
2003. University of Pécs, Finance Committee supported travel grant (KüKR-167/2003.KI).  
2003. Hungarian Surgical Society supported registration grant.  
2003. Biotest Hungary Ltd. sponsored travel grant.  
2004. University of Pécs, Scientific Committee supported travel grant.  
2004. National Committee for Technological Development supported grant (MEC-00239/2004).  
2005. HEFOP 3.3.1-P.-2004-09-0040/1.0 project (European Union).  
2005-2006. ESOT supported participation on the Hesperis Course (Vienna, Padova).  
2006. German Research Foundation (DFG, Bonn-Bad Godesberg) supported grant.  
2006. Transplantation in Pécs Foundation supported travel grant.  
2006. National Committee for Technological Development supported grant (2006Alap3-00423/06).  
2007-2010. Hungarian Scientific Research Fund Award (K69174).  
2007. Fresenius Biotech GmbH sponsored travel grant.  
2007. University of Pécs, Scientific Committee supported travel grant.  
2007-2010. Bolyai János Scholarship of the Hungarian Academic of Science.  
2009-2012. Hungarian Scientific Research Fund Award (PD 77474).  
2009. Berde Botond Scholarship supported by University of Pécs.  
2009. University of Pécs, Scientific Committee supported grant (114/603/2009).  
2009. National Committee for Technological Development supported grant (MEC-07-1-2009-0120)  
2009. National Committee for Technological Development supported grant (MEC-07-1-2009-0296)

## **COURSES**

2002. Pécs. „Basics of Microsurgery” titled course.  
2004. Participation on the European Society for Organ Transplantation Educational Committee 5<sup>th</sup> European Transplant Fellow Workshop-on, Malmö, Sweden.  
2005. European Resuscitation Council Advanced Life Support Course (Airway Management, Basic Life Support and Defibrillation, Simulated Cardiac Arrest) (valid for 5 years).  
2005/2006. European Society for Organ Transplantation, Advanced Training in Organ Transplantation, The Hesperis Course, 2005-2006 academic year. (Winter session Vienna,

Austria; Summer session Padova, Italy).

2007. European Society for Organ Transplantation, Advanced Training in Organ Transplantation, 23<sup>rd</sup> Transplantation Operative Procedures (TOP) Course, Berlin, Germany.

2008. 04. 4-6. Endoscopic training on modified Erlangen-model, III. Congress of the Young Gastroenterologist' Workgroup, Balatonalmádi, Hungary.

## **TEACHING EXPERIENCE**

1995- Participation on "Basic surgical techniques" practices, examination and holding credit courses for third year Hungarian and English medical students.

1999- Participation on holding tutorials on basics of surgical techniques (general surgery, laparoscopic surgery, microsurgery) for surgical residents in every semester.

1999- Supervisor in doctorandus thesis of medical students in student research program.

2004- Leader of accredited PhD course on Pécs University: „Concerning of experimental and clinical organ transplantation” (code: OPKL\_B-327\_FEA1).

2005- Leader of the accredited practical course “Basic knowledge of laparoscopic surgery”.

2005- Invited lecturer on Prof. Dr. Horváth Örs Péter leded PhD course titled „Methods of organ circulation in experimental and clinical practice” on Surgical Clinic of Pécs University (code: OPKL\_B-327\_HOP1).

2005- Invited lecturer on Prof. Dr. Wéber György leded PhD course titled „Minimally invasive surgery: experiments and clinics” on Surgical Clinic of Pécs University (code: OPKL\_B-327\_WEG1).

2005- Tutor on Prof. Dr. Róth Erzsébet leded PhD course titled „Basic surgical techniques” (code: OPKL\_A-327\_ROE2).

2005- Lecture holding from „Basic surgical techniques” subject for third year Hungarian and English medical students.

2005- In main PhD program ”Patophysiology of reperfusion injury: experimental and clinical studies” PhD supervisor. Research topic is „Pathophysiology of gastrointestinal tract: experimental and clinical studies”.

2008- Tutor in PhD program titled „Surgery and their borders” (code B-1/2008) leded by Prof. Dr. Horháth Örs Péter. PhD research topic is „Clinical aspects and experimental examinations of organ transplantation”.

2008- Lecture holding from „Surgical Propedeutics” subject for third year Hungarian and English medical students.

## **CLINICAL ACTIVITY**

2001-2009. Surgical practice in Surgical Clinic of Pécs University (working in the operating theatre and in the ward, night duty, duty on call (transplantation: kidney, pancreas).

2005-2007. Participation in education of medical students in Surgical Clinic of Pécs University.

2006. 2 month per year clinical work in United Kingdom (Netcare Healthcare UK, Greater Manchester Surgical Center).

## **PUBLICATION ACTIVITY**

Book chapter author: 1

Manuscripts: 51 (IF: 50.955)

Abstracts: 102 (IF: 152.634)

Presentations: 152

**Cumulative Impact Factor: 152.027;**

## **Citation index:**

Independent: 166      **Dependent: 120**

**Cumulative citation: 286**