



Curriculum vitae Europass

Personal information

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Date of birth

Sex Female

Actual work place / Prezent position **Tirgu-Mures Emergency Clinical County Hospital, Clinic of Hematology and Bone Marrow Transplantation**
Chief physician
Univerity of Medicine Tg-Mures, Romania
Senior lecturer

Professional experience

Period	From 2004
Present positioan at the time	Chief physician
Main field of activity	Clinical Hematology at the
Name and adress of institution	Tirgu-Mures Emergency Clinical County Hospital, Clinic of Hematology and Bone Marrow Transplant, 50 Gheorghe Marinescu St., 540136, Targu-Mures, Mures County, Romania
Type of activity	Medicine
Period	Prezent-2001
Main field of activity	Chief physician
Position and activity	Internal medicine
Name and adress of institution	Tirgu-Mures Emergency Clinical County Hospital, Clinic of Hematology and Bone Marrow Transplant, 50 Gheorghe Marinescu St., 540136, Targu-Mures, Mures County, Romania
Type of activity	Medicin
Period	2004-1999
Position and field of activity	Clinical hematology , specialist
Position and activity	Clinical Hematology
Name and adress of institution	Tirgu-Mures Emergency Clinical County Hospital, Clinic of Hematology and Bone Marrow Transplant, 50 Gheorghe Marinescu St., 540136, Targu-Mures, Mures County, Romania
Type of activity	Medicine
Period	1998-1995
Position and field of activity	Scientific resarchear
Position and activity	Internal medicine
Name and adress of institution	Centre of Scientific Medical Resarches, Tg-Mures
Type of activity	Medicine

Period	1995-1993
Position and field of activity	General Practitioner
Position and activity	Family doctor
Name and adress of institution	Medical district, Lazărea, Harghita county , Romania
Type of activity	Medicine
Perioada	1993-1991
Position and field of activity	Intern
Position and activity	Clinical Hematology
Name and adress of institution	Tirgu-Mures Emergency Clinical County Hospital, Clinic of Hematology and Bone Marrow Transplant, 50 Gheorghe Marinescu St., 540136, Targu-Mures, Mures County, Romania
Type of activity	Medicine

Education and training

Perioada	24-26 mai 2010
	Bone Marrow Transplant
	<i>ESH-EBMT 14th Training Course on Blood and Marrow Transplantation</i> , ESH-EBMT, Tg-Mureș, Ro
Period	13-28 iulie 2007

Onsite training at twin Hospital

Field of activity	Bone Marrow Transplant
	Bone Marrow transplantation Hospital Santa Creu i Sant Pau din Barcelona, Spain Prof. Dr. Sierra Jorge
Period	2005
Calification/degree	Certificat of absolution
Field of activity	Competece in Helthcare Management
Name of institution	Scientific Medical Resarch Center, Tg – Mureș, Romnania
Training courses	
Period	2004
	<i>Taking Transplantation to a Higher Level</i> , European Blood and Marrow Transplantation Group (EBMT) -ESH, Barcelona, Spania
Period	2004
	<i>Managing Serious Fungal Infections in the Bone Marrow Transplantation Patient</i> European Blood and Marrow Transplantation Group (EBMT) -ESH, Barcelona, Spania
Period	2004
	<i>Novel Strategies in Graft Engineering and Celular Therapy</i> European Blood and Marrow Transplantation Group (EBMT) -ESH, Barcelona, Spania

	Intensive course in Clinical Hematology, ESH, Vienna, Austria, 7 – 10 June 2007
	Intensive course in Bone Marrow Transplantation, EBMT, Lyon, France, 25 - 28 March 2007
	Intensive course in Clinical Hematology, ESH, Amsterdam, Holland, 15 – 18 June 2006
	Intensive course in Bone Marrow Transplantation, EBMT, Hamburg, Germany, March 2006
	Intensive course in Bone Marrow Transplantation, EBMT, Prague, Czech Republic, March 2005
	9 th Training Course on Blood and Marrow Transplantation, ESH-EBMT, Cascais, Portugal, 16-20 May 2005
	8 th Training Course on Blood and Marrow Transplantation, ESH-EBMT, Budapest, Hungary, 5-9 May 2004
	Competency Course in Sanitary Management, University of Medicine and Pharmacy, Targu Mures, Romania, 2004
	Professional Advancement Courses: Taking transplantation to a Higher Level, Managing Serious Fungal Infections in the Bone Marrow Transplantation Patient & Novel Strategies in Graft Engineering and Cellular Therapy, ESH-EBMT, Barcelona, Spain, 28 March 2004
	Intensive course in Bone Marrow Transplantation, EBMT, Istanbul, Turkey, July 2003
	Intensive course in Bone Marrow Transplantation, EBMT, Montreux, Switzerland, March 2002
	Intensive course in Bone Marrow Transplantation, EBMT, Maastricht, Holland, March 2001
	Intensive course in Bone Marrow Transplantation, ASH, San Francisco, USA, December 2000
	Scholarship for Specialists in Bone Marrow Transplantation, Chaim Sheba Medical Center, Tel Aviv, Israel, November 2000
	Intensive course in Bone Marrow Transplantation, EBMT, Innsbruck, Austria, March 2000
	Intensive course in Bone Marrow Transplantation, ASH, New Orleans, USA, December 1999
	Intensive course in Bone Marrow Transplantation, ASH, Miami, USA, December 1998
	Course in Transfusion, CRCS, Targu Mures, Romania, 1997
PhD in Medicine	
Period	2001-1996
Calification/degree	PhD in Medicine
	Clinical Hematology
Name and adress of institution	University of Medicine and Pharmacy Tg- Mureş, Faculty of Medicine
Period	1997
Calification/degree	Certificat of absolution
Field of activity	Bone Marrow Transplant
Name of institution	Bone Marrow Transplatation Unit St. László Hospital Budapest, Hungary
Period	1996
Field of activity	Certificat of absolution
	General ultrasound training
Name and adress of institution	University of Medicine and Pharmacy Tg- Mureş, Faculty of Medicine
Period	1987-1981
Calification/degree	Medical doctor
Field of activity	General medicine
Name and adress of institution	University of Medicine and Pharmacy Tg- Mureş, Faculty of Medicine

Important scientific contributions	Period	Present-1999
	Type of activity	Foundation of the BMT Unit in Targu Mures, Romania First succesful bone marrow transplant at an adult patient in Romania, september 2001; First transplantation in Romania in Acute in 2003; Fisrt immunomagnetic selection of stem cells in Romania december 2004; First transplant in Multiple sclerosis in Romania in 2007.
	Organization of national and international training courses in the field of clinical Hematology and BMT	5-6 May 2012 The 4th international training course: "TREATMENT AND TRANSPLANTATION IN ACUTE LEUKEMIAS IN ADULTS AND CHILDREN", Tg-Mureş
		24-26 Mayi 2010 Local organizer of the European EBMT training course: ESH-EBMT 14th Training Course on Blood and Marrow Transplantation, ESH-EBMT, Tg-Mureş, Ro
		30-31 January 2009 The 3rd international training course: "STEM CELLTRANSPLANTATION FOR MYELOPROLIFERATIVE DISEASES", Tg-Mureş
National and international proiects		1-2 February 2008 The 2nd international training course: "STEM CELLTRANSPLANTATION FOR LYMPHOPROLIFERATIVE DISEASES", Tg-Mureş
		3-4 February 2007 Organisation of first International Confrence of Stem Cell Transplant and Ombilical Cord Blood in Romania, Tg-Mureş
	Period	2015-present BMBS COST Action BM1404: European Network of Investigators Triggering Exploratory Research on Myeloid Regulatory Cells (Mye-EUNITER) , pricipal participant of the Mye-EUNITER COST Action from Romania and the primary coordinator of the Action's activities
	Period	2008-2006 <i>Promovation of resarch in the domain of hematopoietic stem cell transplantation in oncohematological patients having the role to stimulate partitipation in PC7 European, Contract number CEEX, nr. 218/2006, Period : 1 August 2006-31 March 2008</i>
	Period	2008-2006 <i>Translation of genomic resarch of intracardiac and tridimensional reconstruction in the diagnosis and treatment of congenital cardiac diseases of the young adult, Contract number CEEX, nr. 72/2006,</i>
Publications	Period	2008-2006 <i>Translation of genomic research in the development of innovative terapies based on stem cell transplantation in atherothrombotic diseases, Contract number CEEX, nr. 172/2006</i>
		Lazar Erzsebet, <i>Belgyogyaszati kerdesek a csaladorvosi gyakorlatban</i> , University Press Petru Maior, 2015, ISBN 978-606-581-130-0,
		Benedek István, Benedek E: <i>Belgyógyászati tünettan, I. Kötet</i> . Editura Expert, Bucureşti, 2013, pg.1-192, ISBN 978-973-618-311-9, cod CNCS 045/2006 Benedek E. <i>Hematológiai sürgősségek</i> , in <i>Sürgősségi betegellátás</i> , sub redacţia Kovács J, Editura Edupiont, 2011, pg. 427-450, ISBN 978-606-92017-6-3, cod CNCS 224

Annamaria Szanto, Zsuzsanna Pap, Lorand Denes, Erzsebet Lazar Benedek, Adrienne Horvath, Aliz Beata Tunyogi, Beata Agota Baroti, Zoltan Pava, Real-time quantitative PCR detection of WT1 and M-BCR-ABL expressions in chronic myeloid leukemia, Rom J Morphol Embryol 2015, 56(2 Suppl):703–707

Bănescu C, Trifa AP, Demian S, Benedek Lazar E, Dima D, Duicu C, Dobreanu M. Polymorphism of XRCC1, XRCC3, and XPD Genes and Risk of Chronic Myeloid Leukemia. Biomed Res Int. 2014; 2014:213790. doi: 10.1155/2014/213790. ISSN 1110-7243 , Epub 2014 May 15.

Bănescu C, Trifa AP, Voidăzan S, Moldovan VG, Macarie I, Benedek-Lazar E, Dima D, Duicu C, Dobreanu M. CAT, GPX1, MnSOD, GSTM1, GSTT1, and GSTP1 Genetic Polymorphisms in Chronic Myeloid Leukemia: A Case-Control Study. Oxid Med Cell Longev. 2014:875861; doi: 10.1155/2014/875861. Epub 2014 Nov 11.

Köpeczi JB , Benedek Lázár E, Kakucs E, Tunyogi AB Istrati M, Benedek I, Blastic plasmacytoid dendritic cell neoplasia – a rare type of acute leukemia
Revista Română de Medicină de Laborator, 2014. Nr. vol, an 22(1)2014; Pg 69-77; ISSN 1841-6624;

Rodica Bălaşa, Smaranda Maier, Anca Moţăţăianu, Zoltan Bajko, Otilia Moldovan, Erzsébet Benedek, A case of fatal acute intermittent porphyria: laboratory diagnosis and pathogenesis considerations, Revista Română de Medicină de Laborator, 2014. Nr. vol, [Nr.22\(3\)/2014](#) DOI:10.2478/rrlm-2014-0033 pg 325-334

Benedek Lázár E, Köpeczi JB, Tunyogi AB, Kakucs E, Horváth E, Turcu M, Pávai Z, Benedek I. *Histopathological, Immunophenotypic and Clinical Particularities and Evolution of a Case of Hepatosplenic T-cell Lymphoma in Transformation to Leukemia*. Rom J Morphol Embryol 2013,54(4):1135-1139, ISSN 1220-0522, FI: 0,523

Szántó A, Pap Zs, Benedek I, **Benedek Lázár E**, Köpeczi JB, Tunyogi AB, Vasile K, Horváth E, Pávai Z. *Monitoring M-BCR-ABL expression level in CML patients by RQ-PCR: experience of a single Center*. Rom J Morphol Embryol 2013, 54(1):in press, ISSN 1220-0522, FI: 0,523

Turcu M, Mezei T, Horváth E, **Benedek Lázár E**. *Myeloid sarcoma presenting as a solitary skin nodule – case presentation*. Revista Română de Medicină de Laborator, 2012, 20(1):33-38, ISSN 1841-6624, 33-38, FI:0,113

Bănescu C, Benedek I, **Benedek E**, Paşcanu I, Csép K, Duicu C, Demian S. *Application of Cytogenetics for Chronic Myeloid Leukemia*. Revista Română de Medicină de Laborator, 2009, 14(1):31-39, ISSN 1841-6624, FI:0,113

Bănescu C, Paşcanu I, Csép K, Benedek I, **Benedek E**, Duicu C. *Cytogenetic analysis in acute myeloid leukemia in Tîrgu-Mureş*. Revista Română de Medicină de Laborator, 2008, 13(4):21-29, ISSN 1841-6624, FI:0,113

Földes A, Bilca DV, Köpeczi JB, **Benedek E**, Benedek I, Farkas E, Székely E. *Trichosporon asahii fungemia in an adult patient with acute lymphoblastic leukemia and viral hepatitis C. A case report*. Revista Română de Medicină de Laborator, 2008, 12(3):37-45, ISSN 1841-6624, FI:0,113

Benedek Lazar Erzsebet I. Benedek I. Benedek Jr. Köpeczi Judit Beata Jakab Szende [Tatar Cristina Maria](#). I. Tilea Double Hematological and Cardiologic Benefits of Autologous Stem Cell Transplantation in a Case of stage III B IgG Myeloma multiplex and Dilatative Cardiomyopathy – a Case Report, ARS Medica Tomitana. Volume 21, Issue 4, Pages 223–226, ISSN (Online) 1841-4036,DOI: [10.1515/arsm-2015-0050](#), December 2015

Annamária Szántó, Zsuzsanna Pap, Z Pávai, I Benedek, Judit Beáta Köpeczi, Aliz-Beáta Tunyogi, Emőke Horváth, Benedek Erzsébet Lázár, The Importance of Identification of M-BCRABL Oncogene and JAK2V617F Mutation in Myeloproliferative Neoplasms, Acta Medica Marisiensis 2014;60(2):44-48. ISSN 2068-3324,

Annamária Szántó, Zsuzsanna Pap, L. Dénes, **E. Lázár Benedek**, Alíz-Beáta Tunyogi, Z. Pávai
ANALYSIS OF THE RELATIONSHIP BETWEEN CLINICAL PARAMETERS AND THE TWO VARIANTS
OF M-BCR-ABL FUSION GENE IN CHRONIC MYELOID LEUKEMIA Revista Română de Anatomie
funcțională și clinică, macro și microscopică și de Antropologie. Vol XIII, Nr3, 2014 pag 349-353 ISSN
1583-4026 cod CNCSIS 470

Kakucs Enikő, Benedek I, Benedek Erzsébet, Köpeczi Judit Beáta, Tunyogi Aliz, Istrati Monica
Autologous Stem Cell Transplantation in Patients with Acute Myeloid Leukemia: a Single-Centre
Experience. Acta Medica Marisiensis 2013;59(2):91-9. ISSN 2068-3324,

Tunyogi Aliz-Beáta, Benedek I., Benedek Erzsébet, Köpeczi Judit Beáta, Kakucs Enikő, Istrati Monica,
Pap Zsuzsa The Role of Monitoring the Bcr-abl Transcript Levels in the Management of Patients with
Chronic Myeloid Leukemia. EBSCO, Acta Medica Marisiensis 2013;59(2):71-74. ISSN 2068-3324,

Köpeczi Judit Beáta, Benedek I, Benedek Erzsébet, Kakucs Enikő, Tunyogi Aliz, Istrati Monica, Kurtus
Aranka A Case of Plasmacytoid Dendritic Cell Leukemia. Acta Medica Marisiensis 2013;59(2):111-114.
ISSN 2068-3324,

Aranka Kurtus, Erzsébet Benedek, Judith Beáta Köpeczi, Enikő Kakucs, Aliz-Beáta Tunyogi, Monica
Istrati, I Benedek, The Role Of Erythropoietin In The Treatment Of Anemia In Patients With Malignant
Lymphoma, Acta Medica Marisiensis, 2013;59(3): 169-171. ISSN 2068-3324,

Benedek Lázár E, Köpeczi JB, Kakucs E, Tunyogi AB, Benedek O, Benedek I. *Transplant alogen de
celule stem hematopoietice la un caz de boală Hodgkin std IV în recădere după transplant autolog*. Acta
Medica Transilvanica, 2013, 1 Pg 169-171 SSN 1453-1968, Index copernicus, EBSCO,
<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=4564>

Benedek Lázár E, Köpeczi JB, Tunyogi AB, Kakucs E, Cătană A, Benedek I. *Possibilities and
Difficulties of Treatment in the Case of a Pregnant Patient with Primary Mediastinal Large B-cell
Lymphoma*. Acta Medica Mariensis, 2013, 59(1): Pg 49-51,, ISSN 2068-3324,ISSN 2068-3324,
EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

Köpeczi JB, Benedek I, **Benedek Lázár E**, Kakucs E, Tunyogi AB, Istrati M. *The Role of
Immunophenotyping in Diagnosis of Biphentotypic Acute Leukemias*. Acta Medica Mariensis, 2011,
57(3):218-221, ISSN 2068-3324, EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

Kakucs E, Benedek I, **Benedek Lázár E**, Köpeczi JB, Tunyogi AB, Istrati M. *A new method of
mobilization of haematopoietic stem cell in autologous stem cell transplantation*. Acta Medica Mariensis,
2011, 57(4):306-309, ISSN 2068-3324, EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

Tunyogi AB, Benedek I, **Benedek Lázár E**, Köpeczi JB, Kakucs E, Istrati M. *The results of allogeneic
stem cell transplantation in CML - the experience of BMT Unit Tg-Mureş* . Acta Medica Mariensis,
2011,57(4):371-374, ISSN 2068-3324, EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

Tilinca M, **Benedek Lázár E**, Köpeczi JB, Bacărea A, Bănescu C, Benedek I, Bătagă. *Acute myeloblastic
leukemia: Difficulties, Treatment, Complications and Evolution*. Acta Medica Mariensis, 2011,57(6):776-
779, ISSN 2068-3324, EBSCO, <http://www.ebscohost.com/titleLists/tnh-coverage.htm>

**Recognition of the medical
and scientific activity**

2012 Chair of Outreach Committee of European Bone Marrow Transplantation Association
2011 Member of the National Committee of the Romanian bone marrow Registry
Invited lecturer : EBMT Lymphoma Working Party 8th Edition of the Educational Course on Stem Cell Transplantation in Lymphomas, Bucharest, 17-19 October 2012

STUDIES

1. A Phase 4, Open-label, Single-Arm Study of Brentuximab Vedotin in Patients With Relapsed or Refractory Systemic Anaplastic large Cell Lymphoma – 2015
2. A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of Idelalisib in Combination with Bendamustine and Rituximab for Previously Untreated Chronic Lymphocytic Leukemia - 2011
3. A phase 3, randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of Idelalisib in Combination with Either Rituximadb or Chlorambucil for Previously Untreated Chronic Lymphocytic Leukemia – 2013
4. A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of Idelalisib (GS-1101) in Combination with Rituximab for Previously Treated Indolent Non-Hodgkin Lymphomas - 2012
5. A phase 3, Randomized, Double-blinde Active-Controlled Study Evaluating Momelotinib vs. Ruxolitinib in Subjects with Primary Myelofibrosis or Post-polycythemia Vera or post –essential Thrombocythemia Myelofibrosis - 2014
6. A phase 3, Randomized, Double-blinde study of PF -05280586 vs. Rituximab for First Line Treatment of Patients with CD20 Positive, Low Tumor Burden, Follicular Lymphoma - 2014
7. a RANDOMIZED, Opem-label Phase 3 Study of Carfilzomib, Melphalan and Prednisone vs. Bortezomib, Melphalan, and Prednisone in transplant ineligible Patients with Newly Diagnosed Multiple Myeloma- 2012
8. A Randomized, Open-label, Phase 3 Study in Subjects with Relapsed and Refractory Multiple Myeloma Receiving Carfilzomib in Combination with Dexamethasone, Comparing Once-weekly versus Twice-weekly Carfilzomib Dosing - 2015
9. A phase III, randomised, observer-blind, placebocontrolled, multicentre, clinical trial to assess the prophylactic efficacy, safety, and immunogenicity of GSK Biologicals' herpes zoster gE/AS01B candidate vaccine when administered intramuscularly on a two-dose schedule to adult autologous haematopoietic stem cell transplant (HCT) recipients. - 2013