Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Minodora Dobreanu**
Address	38, Gh.Marinescu, 540136 Tirgu Mures (Romania)
Telephone(s)	(+40) 265 21 74 25, 265 208 942 Mobile (
Fax(es)	(+40) 265 21 74 25, 265 208 952
E-mail(s)	minodora.dobreanu@umfst.ro, minodora.dobreanu@rrml.ro
Nationality	Romanian
Date of birth	J
Gender	Female

Desired employment / Occupational field

Health care

Work experience

Dates	02/1992 - 02/1999
Occupation or position held	Assistant Professor, MD
Main activities and responsibilities	Teaching Clinical Biochemistry
Name and address of employer	University of Medicine and Pharmacy Tirgu Mures 38, Gh.Marinescu, 540136 Tirgu Mures (Romania)
Type of business or sector	Education

Dates	02/1999 - 10/2007
Occupation or position held	Lecturer, MD, PhD
Main activities and responsibilities	Teaching Clinical Biochemistry & Immunology Research Lipoprotein Metabolism - Inflammation - Atherosclerosis - Viral infections
Name and address of employer	University of Medicine and Pharmacy Tirgu Mures
Type of business or sector	Education, Research

Dates	10/2007 →
Occupation or position held	Professor, MD, PhD
Main activities and responsibilities	Teaching Clinical Biochemistry, Immunology Research Dyslipidemias - Inflammation - Atherosclerosis, Viral Infections
Name and address of employer	University of Medicine and Pharmacy Tirgu Mures

Dates	02/2004 →
Occupation or position held	Head of Central Clinical Laboratory
Main activities and responsibilities	Senior doctor Clinical Biochemistry, Immunology, Molecular Biology
Name and address of employer	Districtual Emergency Hospital Mures

Dates	2005 → 2019
Occupation or position held	MD, senior in Laboratory Medicine
Main activities and responsibilities	Editor-in-Chief Rev Romana Med Lab (www.rrml.ro), ISSN 1841-6624
Name and address of employer	Romanian Association of Laboratory Medicine 38, Gh Marinescu, 540139 Târgu Mureș (Romania)
Dates	12/2015 →
Occupation or position held	Head of Advanced Medical and Pharmaceutical Research Centre
Main activities and responsibilities	Coordination of administrative activities of Research centre, Coordination of research activities in Immunology Laboratory
Name and address of employer	George Emil Palade Univ Med, Pharm, Sc, and Techn Targu Mures 38, Gh Marinescu, 540139 Târgu Mureș (Romania)

Education and training

Dates	09/1985 - 09/1991
Title of qualification awarded	MD
Principal subjects / occupational skills covered	Clinical Biochemistry, Immunology, Physiology, Anatomy, Pharmacology, Genetics, Hystology, Cellular Biology, Internal Medicine, Cardiology, Endocrinology
Name and type of organisation providing education and training	University of Medicine & Pharmacy Tirgu Mures (Medicine Faculty)
Dates	02/1992 - 10/1998
Title of qualification awarded	PhD
Principal subjects / occupational skills covered	Lipoproteins & Atherosclerosis Lipid metabolism
Name and type of organisation providing education and training	University of Medicine & Pharmacy Tirgu Mures (Medicine Faculty)
Dates	02/1992 - 12/1995
Title of qualification awarded	Felow in Laboratory Medicine
Principal subjects / occupational skills covered	Biochemistry, Haematology, Bacteriology, Virusology, Parazitology
Name and type of organisation providing education and training	University of Medicine & Pharmacy Tirgu Mures (Medicine)
Dates	01/07/1994 - 30/08/1994
Title of qualification awarded	Training in a Lipid Center
Principal subjects / occupational skills covered	Lipid Metabolism and Cardiac Rehabilitation
Name and type of organisation providing education and training	Audubon Regional Medical Center (Medicine) One Audubon Plaza Drive, 40217 Louisville, Kentucky (USA)
Dates	15/06/1995 - 15/08/1995
Title of qualification awarded	International Scholar of Cleveland Clinic Foundation
Principal subjects / occupational skills covered	Clinical Laboratory, Immunology, Molecular Biology
Name and type of organisation providing education and training	Cleveland Clinic, Department of Clinical Pathology (Medicine) L11, 9500 Euclid Avenue, Ohio 44195 Cleveland (USA)

Dates	04/1997 - 06/1997
Title of qualification awarded	Fellow of Hungarian Academy of Sciences
Principal subjects / occupational skills covered	Lp (a) and F XIII
Name and type of organisation providing education and training	Department of Clinical Chemistry, University of Medicine and Pharmacy Debrecen (Haemostaseology) P.O. Box 40, Debrecen H - 4012 Debrecen (Hungary)
Dates	02/1998 - 04/1998
Title of qualification awarded	Training in
Principal subjects / occupational skills covered	Flow Citometry, Lipoprotein separation, Interaction of Lipoproteins with Macrophages
Name and type of organisation providing education and training	INSTITUT für Kliniche Chemie, Klinikum der Uni - Regensburg (Laboratorium Medizin)
Dates	01/2000 - 02/2000
Title of qualification awarded	Training in a Flow Citometry Laboratory
Principal subjects / occupational skills covered	Analysis of platelets, analysis of nucleic acid content of the cells by flow citometry
Name and type of organisation providing education and training	UCL University Clinique de Mont-Godinne Yvoir, B-5530, Mont-Godinne (Belgia)
Dates	04/2007 - 04/2007
Title of qualification awarded	Training in Immunogenetics
Principal subjects / occupational skills covered	Update in Histocompatibility and Immunogenetics
Name and type of organisation providing education and training	Center for Immunogenetics and Transplant (Fundeni) Bucuresti (Romania)

Personal skills and competences

Mother tongue(s) **Romanian** **Romanian**

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient user	C2	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
French	A2	Elementary	A2	Elementary	A1	Elementary	A1	Elementary	A1	Elementary

(*) Common European Framework of Reference (CEF) level

Technical skills and competences	Lipoprotein separation, Cell cultures, Flow Cytometry, Nucleic Acids Purification, Amplification by PCR, RT PCR, qPCR
Social and Organisational skills and competences	Leadership: Head of the Central Laboratory of Emergency Hospital Targu Mures (80 persons) President of Romanian Association of Medical Laboratories (2005-2009)

Member of IFCC, EFCC, SIR, SBCM, SRLC, AACC, EAS
Director of a Master Degree Program in Clinical Laboratory – 2009-2019
Director of Advanced Medical Research Center of UMPhScT Tîrgu Mureş – since 2015
Main organiser of 18 conferences and congresses, 7 postgraduating courses

Computer skills and competences

Microsoft Office™

Additional information

Correspondent member of Romanian Academy of Medical Sciences – 2017
http://www.adsm.ro/media/dms/M_C_pt_sit-ul%20ASM(3).pdf

Bursaries:

1. International Scholar of "The Cleveland Clinic Foundation", 1995
2. Fellow of Hungarian Academy of Sciences, 1997
3. Bursary Recipent: 18th International Congress of Clinical chemistry and Laboratory Medicine, Kyoto, Octomber 20-25, 2002
4. Bursary Recipent: XII International Congress of Immunology, Montreal, July, 18-23, 2004
5. International Visitor Award of Roche International – Canadian Annual Conference of Clinical Biochemists 2006
6. Invited lecturer – University Claude Bernard Lyon 1, France, ERASMUS program, 2008
7. Invited lecturer – State University Tbilisi, Georgia, ERASMUS + program, 2018
8. Invited lecturer – Wroclaw University, Poland, ERASMUS program, 2019
9. 18 research projects / grants (director -8, member – 10)

Editorial activities:

1) Senior Editor of *Romanian Journal of Laboratory Medicine (Revista Romana de Medicina de Laborator)* www.rrml.ro , ISSN 1841-6624 (www.rrml.ro), indexed by ISI Web of Knowledge - Web of Science (Thomson Reuters Scientific), in SCOPUS and EMCARE (Elsevier Bibliographic Databases) – Editor-in -chief 2005-2019
2) Member of editorial board of *Biochemia Medica*, ISSN 1330-0962, ISSN (web) 1846-7482, (http://www.biochemia-medica.com/content/editorial-board)
3) Member of editorial board of *Acta Medica Marisiensis*, ISSN: 2068-3324 (http://www.ammjournal.ro/index.php/AMM/about/history
4) Member of editorial board of Health Problems of Civilization, ISSN 2353-6942, www.termedia.pl/hpc

Publications

4 books main author and 9 co-author, 6 courses for medical students, 90 articles *in extenso* (48 in ISI / 17 BDI journals), 90 presented papers with abstracts published (50 in ISI or BDI journals), sum of times cited > 300 (ISI Web of Knowledge), > 600 (Google Scholar)

HIRSCH - index 11
Google Scholar - index 13
Cumulated IF: 60.754

20.01.2020

Prof. Dr. Minodora Dobreanu

Published article in ISI journals with IF, main author

1. Adina Huțanu, Mihaela Iancu, **Minodora Dobreanu**, Oana Oprea, Ștefan Barbu, Smaranda Maier, Amelia Tero-Vescan, Zoltan Bajko, Rodica Bălașa Extended lipid profile in Romanian ischemic stroke patients in relationship with stroke severity and outcome: a path analysis model, AMS, 2019, 10.5114/aoms.2019.89302, IF=2.38
2. Adina Hutanu, Mihaela Iancu, Smaranda Maier, Rodica Balasa, **Minodora Dobreanu**. Plasma biomarkers as potential predictors of functional dependence in daily life activities after ischemic stroke: A single center study, Annals of Indian Academy of Neurology, 2019, 22(3), in press, DOI:10.4103/aian.AIAN_74_19, IF=0.898
3. Binzari E, Zaharia M, Barbu S, Oprea OR, **Dobreanu M**. Hemolysis has no influence on routine coagulation tests in subjects without anticoagulant therapy - a referral Romanian emergency hospital laboratory experience. *Rev Romana Med Lab*. 2019;27(4):375-82. DOI:10.2478/rrlm-2019-0034
4. **Dobreanu M**, Oprea OR. Laboratory medicine in the era of precision medicine – dream or reality?. *Rev Romana Med Lab*. 2019;27(2):115-24. DOI:10.2478/rrlm-2019-0025, IF=0.800
5. Horváth E, Huțanu A, Orădan A, Chiriac L, Muntean DL, Nagy EE, **Dobreanu M**. N-3 polyunsaturated fatty acids induce granulopoiesis and early monocyte polarization in the bone marrow of a tMCAO rat model. *Rev Romana Med Lab*. 2019;27(1):51-61. DOI:10.2478/rrlm-2019-0004, I*F=0.800*
6. Floredana-Laura Șular, Edit Szekely, Violeta Corina Cristea, **Minodora Dobreanu**. *Invasive Fungal Infection in Romania: Changing Incidence and Epidemiology During Six Years of Surveillance in a Tertiary Hospital.* Mycopathologia. DOI :10.1007/s11046-018-0293-2. IF 2017: 1.476
7. Floredana-Laura Șular, Mihaela Iancu, Manuela Cucerea, Elena Moldovan, Maria Livia Ognean, **Minodora Dobreanu.** *Oxidative burst of neonatal and adult peripheral blood phagocytes confronting Escherichia coli and Candida albicans*. Romanian Biotechnological Letters. DOI:10.26327/RBL2018.141. IF 2017: 0.321
8. Adina Huțanu, Emoke Horvath, Alex Orădan, Septimiu Voidăzan, Liviu Chiriac, Daniela Muntean, **Minodora Dobreanu -** *Fish-oil preconditioning modulates plasma MCP-1 and TIMP-1 levels after experimental induced transient cerebral ischemia*, Farmacia, 2018;66(4):602-208, https://doi.org/10.31925/farmacia.2018.4.7, IF 2017=1.507
9. Adina HUȚANU, Mihaela IANCU, Rodica BĂLAȘA, Smaranda MAIER, **Minodora DOBREANU** - Predicting functional outcome of ischemic stroke patients in Romania based on plasma CRP, sTNFR-1, D-Dimers, NGAL and NSE measured using a biochip array, Acta Pharmacologica Sinica 2018: 1–9, doi: 10.1038/aps.2018.26, IF 2017=3.223
10. Adina Huțanu, Smaranda Maier, Rodica Bălaşa, Oana Roxana Oprea, Ştefan Barbu, Septimiu Voidăzan, **Minodora Dobreanu** - Plasma phosphorylated neurofilament heavy chains as a potential marker for ischemic stroke patients. *Rev Romana Med Lab*. 2018;26(1):59-64. DOI:10.2478/rrlm-2018-0004, IF2018=0.8
11. Cristina Oana Marginean, Lorena Elena Meliţ, Roxana-Cristina Mareş, Maria Oana Mărginean, Septimiu Voidăzan, **Minodora Dobreanu -** Clinical and biological correlations in celiac disease in children: the prospective single experience of a romanian tertiary center: A case-control study (Strobe-Compliant study), Medicine, 2017;96(20):e6936, Published online 2017 May 19. doi: 10.1097/MD.0000000000006936, IF2017=1.803
12. Alina Mărginean, Claudia Bănescu, Valeriu Moldovan, Alina Scridon, Mihai Mărginean, Rodica Bălaşa, Smaranda Maier, Mariana Ţăruşi and **Minodora Dobreanu** *The Impact of CYP2C19 Loss-of-Function Polymorphisms, Clinical, and Demographic Variables on Platelet Response to Clopidogrel Evaluated Using Impedance Aggregometry***,** CLIN APPL THROMB HEMOST, 2017;23(3): 255-265, doi:10.1177/1076029616629211**,** http://cat.sagepub.com/content/early/2016/02/11/1076029616629211, **FI 2017=** 1.852
13. Carmen Rădulescu, Anca Bacârea, Adina Huțanu, Rozalia Gabor, **Minodora Dobreanu** -Placental Growth Factor, Soluble fms-Like Tyrosine Kinase 1, Soluble Endoglin, IL-6, and IL-16 as Biomarkers in Preeclampsia, Mediators of Inflammation Volume 2016, Article ID 3027363, https://www.hindawi.com/journals/mi/2016/3027363/abs/, http://dx.doi.org/10.1155/2016/3027363, FI 2016=3.238
14. Claudia Bănescu, Mihaela Iancu, Adrian P Trifa, Marcela Cândea, Erzsebet Benedek Lazar, Valeriu G Moldovan, Carmen Duicu, Florin Tripon, Andrei Crauciuc, **Minodora Dobreanu**, From Six Gene Polymorphisms of the

Antioxidant System, Only GPX Pro198Leu and GSTP1 Ile105Val Modulate the Risk of Acute Myeloid Leukemia, Oxidative Medicine and Cellular Longevity, 2016, Volume 2016, Article ID 2536705, 10 pages, http://dx.doi.org/10.1155/2016/2536705, http://www.hindawi.com/journals/omcl/2016/2536705/, FI 2015= 4.593

15. Remona E.David, **Minodora Dobreanu** – Pre-analytical Components of Risk in Four Branches of Clinical Laboratory in Romania – Prospective Study, Clin Lab 2016;62(6):1033-44: DOI: 10.7754/Clin.Lab.2015.150931, IF 2016=0.84
16. Septimiu Voidazan, Silviu-Horia Morariu, Monica Tarcea, Horaţiu Moldovan, **Minodora Dobreanu** - Human Papilloma Virus (HPV) Infection and HPV Vaccination: Assessing the Level of Knowledge among Students of the University of Medicine and Pharmacy of Tirgu Mures, Romania, Acta Dermatovenerologica Croatica, 2016, 24(3):193-202, FI 2016=0.725
17. Adina Stoian, Claudia Bănescu, Rodica Ioana Bălaşa, Anca Moţăţăianu, Mircea Stoian, Valeriu G Moldovan, Septimiu Voidăzan, **Minodora Dobreanu**, Influence of GSTM1, GSTT1, and GSTP1 Polymorphisms on Type 2 Diabetes Mellitus and Diabetic Sensorimotor Peripheral Neuropathy Risk, Disease Markers 2015, Article ID 638693, 10 pages, ISSN 0278-0240, http://dx.doi.org/10.1155/2015/638693http://www.hindawi.com/journals/dm/2015/638693/abs/ IF 2015=2.137
18. Amelia Tero-Vescan, S. Vancea, Adina Hutanu, Reka Borka-Balas, **Minodora Dobreanu**, *Concordance and controversy in determining the omega-3 index in plasma and red blood cells membrane*, Farmacia, 2015, 63(4):504-509, ISSN 0014-8237, IF 2015=1.**3**
19. Claudia Bănescu, Mihaela Iancu, Adrian P Trifa, Ioan Macarie, Delia Dima, **Minodora Dobreanu**, *The methylenetetrahydrofolate reductase (MTHFR) 677 C> T polymorphism increases the risk of developing chronic myeloid leukemia—a case-control study*, Tumor Biology, April 2015, 36(4):3101-3107, ISSN - 1010-4283, IF 2015 =2.926.
20. Voidăzan S, Moldovan C, **Dobreanu M**. *Suggestions and recommendations on statistical analysis and research methodology.* Rev Romana Med Lab. 2014;22(4):413-8. DOI:10.2478/rrlm-2014-0046, http://www.degruyter.com/view/j/rrlm.2014.22.issue-4/rrlm-2014-0046/rrlm-2014-0046.xml?format=INT, IF 2014=0.239
21. Claudia Banescu, Adrian P. Trifa, Septimiu Voidazan, Valeriu G. Moldovan, Ioan Macarie, Erzsebeth Benedek Lazar, Delia Dima, Carmen Duicu and **Minodora Dobreanu***, CAT, GPX1 MnSOD, GSTM1, GSTT1, and GSTP1 genetic polymorphisms in chronic myeloid leukemia – a case-control study,* Oxidative Medicine and Cellular Longevity, 2014, Article ID 875861, 6 pages, DOI: 10.1155/2014/875861, IF 2013 = 3.363
22. Claudia Bănescu, Adrian P. Trifa, Smaranda Demian, Erzsebeth Benedek Lazar, Delia Dima, Carmen Duicu and **Minodora Dobreanu***, Polymorphism of XRCC1, XRCC3 and XPD genes and risk of chronic myeloid leukemia*, BioMed Research International, 2014, Article ID 213790, 9 pageshttp://dx.doi.org/10.1155/2014/213790, IF 2013 = 2.706
23. Claudia Bănescu, Carmen Duicu, Adrian P. Trifa, **Minodora Dobreanu***, XRCC1 Arg194Trp and Arg399Gln polymorphisms are significantly associated with shorter survival in acute myeloid leukemia*. Leuk Lymphoma. 2014 Feb;55(2):365-70. doi: 10.3109/10428194.2013.802781, IF 2014= 2.891
24. Selicean I. Elena-Cristina, Paţiu Mariana,Cucuianu Andrei, Dima Delia, **Dobreanu Minodora**. *Acute leukemia with erythroid hyperplasia. Our experience on a series of cases with acute myeloid leukemia.* Rom J Morphol Embryol, 2014, 55(1):23-27, ISSN-1220-0522, http://www.rjme.ro/RJME/resources/files/550114023027.pdf, IF 2014=0.659

25. Adrian Man, Cosmin Moldovan, **Minodora Dobreanu**. *Major editorial changes of Romanian Review of Laboratory Medicine*. Rev Romana Med Lab. 2013;21(4):377-380. http://dx.doi.org/10.2478/rrlm-2013-0047, IF2013=0.171
26. Simona Cernea, **Minodora Dobreanu**, Diabetes and beta cell function: from mechanisms to evaluation and clinical implications, Biochemia Medica, 2013;23(3):266–80. *http://dx.doi.org/10.11613/BM.2013.033*, IF 2012 = 1.873
27. Simona Cernea, Adina Huţanu, Ligia Coroş, **Minodora Dobreanu**. *Assessment of beta cell function in subjects with newly diagnosed type 2 diabetes.* Rev Romana Med Lab. 2013;21(2):145-160. http://dx.doi.org/10.2478/rrlm-2013-0011, IF 2013=0.171
28. Elena-Cristina Selicean, Mariana Patiu, Andrei Cucuianu, Delia Dima, **Minodora Dobreanu**. *Correlation of cytomorphology with flowcytometric immunophenotyping in acute myeloid leukemia.* Rev Romana Med Lab. 2013;21(3):333-341. http://dx.doi.org/10.2478/rrlm-2013-0028, IF 2013=0.171
29. Claudia Bănescu, Mariana Tilinca, Erzsebeth Lazar Benedek, Smaranda Demian, Ioan Macarie, Carmen Duicu, **Minodora Dobreanu**, *XRCC3 Thr241Met polymorphism and risk of acute myeloid leukemia in a Romanian population*, Gene, 2013, Volume 526, Issue 2, 10 September 2013, Pages 478–483. *http://dx.doi.org/10.1016/j.gene.2013.05.054*, IF 2012 = 2.341
30. Mihaela Ioana Chinceşan, Oana Mărginean, Ana-Maria Pitea, **Minodora Dobreanu**, *Relationship of serum insulin-like growth factor I (IGF-I) with nutritional status in pediatric patients with malignant diseases-a single Romanian center experience*, European Journal of Pediatrics 06/2013; http://dx.doi.org/10.1007/s00431-013-2059-7, IF 2013= 1.88
31. **Minodora Dobreanu** – *Romanian Review of Laboratory Medicine Statement on plagiarism - Publish or Perish vs Publish and Perish*, Revista Română de Medicină de Laborator (Romanian Review of Laboratory Medicine), 2012, 20 (3/4), p 193-197, ISSN 1841-6624, IF 2012= 0.097
32. Mihaela Ispas, Carmen Chincişan, Septimiu Voidăzan, Alina Mărginean, **Minodora Dobreanu-** Chronic kidney disease after treatment with cyclosporine or tacrolimus in heart transplant recipients – experience of a Romanian medical center, Revista Română de Medicină de Laborator (Romanian Review of Laboratory Medicine), 2012, 20 (2/4), p 117-125, IF 2012: 0.097

Published article in ISI journals with IF, co-author

1. Emőke Horváth, Alex Orădan, Liviu Chiriac, **Minodora Dobreanu**, Előd-Ernő Nagy, Septimiu Voidăzan, Robert Berei, Daniela Lucia Muntean, Adina Huțanu, Fish-oil preconditioning up-regulates expression of splenic Arg1 positive M2 type macrophages and the Arg1/iNOS2 ratio after experimental induced transient cerebral ischemia Farmacia, 2019; 67(5), p.820-829, IF 2018=1.527
2. Emőke Horváth, Adina Huțanu, Liviu Chiriac, **Minodora Dobreanu**, Alex Orădan, Előd-Ernő Nagy, Ischemic damage and early inflammatory infiltration are different in the core and penumbra lesions of rat brain after transient focal cerebral ischemia, Journal of Neuroimmunology, 2018, 324:35-42, doi.org/10.1016/j.jneuroim.2018.08.002, IF 2017=2.655
3. Bernd Kaina, Alberto Izzotti, Jianzhen Xu, Markus Christmann, Alessandra Pulliero, Xing Zhao, **Minodora Dobreanu**, William W.Au Inherent and toxicant-provoked reduction in DNA repair capacity: A key mechanism for personalized risk assessment, cancer prevention and intervention, and response to therapy, International Journal of Hygiene and Environmental Health, Volume 221, Issue 7, August 2018, Pages 993-1006, DOI: 10.1016/j.ijheh.2018.07.003, IF 2017=4.848
4. Andrei Marian Feier, Doina Ramona Manu, Gabriela Strnad, **Minodora Dobreanu**, Octav Marius Russu, Diana Portan, Tiberiu Bataga- A Step Forward Standardization of Biocompatibility Testing on Tissue Culture Polystyrene, MATERIALE PLASTICE, 2018, 55 (3), 303-307. http://www.revmaterialeplastice.ro/article_eng.asp?ID=5018, IF 2018=1,393.
5. Cristina Oana Mărginean, Lorena Elena Meliţ, **Minodora Dobreanu**, Maria Oana Mărginean, Type V hypertriglyceridemia in children, a therapeutic challenge in pediatrics: A case report and a review of the

literature Medicine, 2017, Dec; 96(51): e8864.Published online 2017 Dec 22.doi: 10.1097/MD.0000000000008864. , IF2017=1.803

6. Anca Meda Georgescu, Claudia Bănescu, Iudita Badea, Valeriu Moldovan, Adina Huțanu, Septimiu Voidăzan, **Minodora Dobreanu**, Leonard Azamfirei – IL-6 gene polymorphisms and sepsis in ICU adult Romanian patients: a prospective study. *Rev Romana Med Lab*. 2017;25(1):75-89. DOI:10.1515/rrlm-2016-0044, IF 2017=0.400
7. Claudia Bănescu, Mihaela Iancu, Adrian P Trifa, **Minodora Dobreanu**, Valeriu G Moldovan, Carmen Duicu, Florin Tripon, Andrei Crauciuc, Cristina Skypnyk, Alina Bogliș, Erzsebeth Lazar, Influence of XPC, XPD, XPF, and XPG gene polymorphisms on the risk and the outcome of acute myeloid leukemia in a Romanian population, Tumor Biology 2016, 1-10, http://link.springer.com/article/10.1007/s13277-016-4815-6FI 2016=3.65
8. Maria Dorobantu, Oana-Florentina Tautu, Roxana Darabont, Silviu Ghiorghe, Elisabeta Badila, Minca Dana, **Minodora Dobreanu**, Ilarie Baila, Marcin Rutkowski, Tomasz Zdrojewski, *Objectives and methodology of Romanian SEPHAR II Survey*. *Project for comparing the prevalence and control of cardiovascular risk factors in two East-European countries: Romania and Poland,* Arch Med Sci 2015;11(4):715–723, DOI:10.5114/aoms.2015.53290, http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4548029/, IF 2015=1.812
9. Man A, Bănescu C, **Dobreanu M**, Fraefel C. *From primer design to validation of results - is it possible by using free software only?,* Rev Romana Med Lab, 2015;23(2):155-8. DOI:10.1515/rrlm-2015-0022, IF 2015 = 0.143
10. Georgescu AM, Szederjesi J, Voidazan S, **Dobreanu M**, Copotoiu SM, Hutanu A, Azamfirei L. *Soluble urokinase-type plasminogen activator receptor (suPAR) – a possible biomarker for bacteremia in sepsis.* Rev Romana Med Lab. 2015;23(1):59-73. DOI:10.1515/rrlm-2015-0002, IF 2015=0.143
11. Ani Ioana Cotar, Daniela Bădescu, Mihaela Oprea, Sorin Dinu, Otilia Banu, Dan Dobreanu, **Minodora Dobreanu,** Adina Ionac, Mirela Flonta, Monica Străuț - Q Fever Endocarditis in Romania: The First Cases Confirmed by Direct Sequencing, Int. J. Mol. Sci. 2011, 12, 1-x manuscripts; doi:10.3390/ijms120x000x, ISSN 1422-0067, www.mdpi.com/journal/ijms, http://www.mdpi.com/1422-0067/12/12/9504 ISI, IF 2011= 2.598
12. Man Adrian, Cordoş Bogdan, Mare Anca, Székely Edit, Toma Felicia, **Dobreanu Minodora**, Deac Radu, Man Lidia, Străuţ Monica*, Evaluation of the pathogenicity of microorganisms involved in infective endocarditis by experimental disease, Revista Română de Medicină de Laborator (Romanian Review of Laboratory Medicine), 2011, 19(1/4), p 17-25,* IF 2011= 0.113
13. Ana-Maria Simundic; Lidija Bilic-Zulle; Nora Nikolac; Vesna Supak-Smolcic; Lorena Honovic; Sanja Avram; Elena Beregovaja; **Minodora Dobreanu**; Joao Tiago Guimaraes; Gabor L. Kovacs; Nada Majkic Singh; Rosa Isabel Sierra-Amor; Grazyna Sypniewska; Tomas Zima - *The quality of the extra-analytical phase of laboratory practice in some developing European countries and Mexico - a multicentric study, Clinical Chemistry and Laboratory Medicine (CCLM), 2011, 49 (2), p. 215-28, ISSN 1434- 6621*, http://www.ncbi.nlm.nih.gov/pubmed/21118049, IF 2011=2.081
14. *Cernea Simona, **Dobreanu Minodora**, Raz I. - Prevention of type 1 diabetes: today and tomorrow, Diabetes Metab Res Rev. 2010 Nov; 26(8):602-605. doi: 10.1002/dmrr.1138. Epub 2010 Oct 8, http://www.unboundmedicine.com/medline/ebm/record/20936604/abstract/Prevention_of_type_1_diabetes:_today_and_tomorrow,* IF 2010=3.094

Published article in ISI indexed journals without IF

1. A Orădan, A Huțanu, E Horváth, L Chiriac, **M Dobreanu** - Improved rat stroke model by intraluminal middle cerebral artery occlusion: a special emphasis on surgical technique Health Problems of Civilization.2017; 11 (3):200-210, DOI: https://doi.org/10.5114/hpc.2017.70008
2. Alina Mărginean, Claudia Bănescu, Alina Scridon, **Minodora Dobreanu**, Anti-platelet Therapy Resistance – Concept, Mechanisms and Platelet Function Tests in Intensive Care Facilities, JCCM 2016,2(1):6-15,

DOI:10.1515/jccm-2015-0021, http://jccm.ro/anti-platelet-therapy-resistance-concept-mechanisms-and-platelet-function-tests-in-intensive-care-facilities/, indexat ISI Thomson Reuters Scientific 2016

3. Földes Annamária, Oprea Mihaela, Bilca Doina-Veronica, Farkas László Attila, Székely Edit, Străuţ Monica, **Dobreanu Minodora** - Posterior mitral valve endocarditis accompanied by bacteraemia with Granulicatella adiacens. A Case Report, Revista Română de Medicină de Laborator (Romanian Review of Laboratory Medicine), 2009, 3 (16), p 49-57, indexat ISI Thomson Reuters Sci
4. Dumitru Moldovan, Eniko Mihaly, Florin Dan Popescu, Geza Attila Szollosi, **Minodora Dobreanu** – Hereditary C1 inhibitor esterase deficiency: a rather well defined entity - Revista Română de Medicină de Laborator (Romanian Review of Laboratory Medicine), 2009, 2 (15), p.41-48, indexat ISI Thomson Reuters Scientific.
5. **Minodora Dobreanu**, Liviu S.Enache, Elena L.Enache – Non-invasive markers of fibrosis in chronic hepatitis C patients - Revista Română de Medicină de Laborator (Romanian Review of Laboratory Medicine), 2009, 1 (14), p.7-17, ISSN 1841-6624, indexat ISI Thomson Reuters Scientific.

RESEARCH GRANTS

1. PROIECT CNFIS-FDI-2018-0567 - IMPULSIONAREA CERCETĂRII DE EXCELENȚĂ ÎN UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE DIN TÎRGU MUREȘ - CERCEX, DIRECTOR PROIECT, VALUE: 344.000 RON
2. PROIECT EXPLORATOR DEMONSTRATIV RESEARCH GRANT PN-III-P2-2.1-PED-2016-0734, CONTRACT 155PED / 2017, DIRECTOR PROIECT, VALUE: 599.566 RON

" **Dezvoltarea unui model experimental de predicţie genetică microarray multiplex ca instrument în determinarea profilului de risc genetic pentru boala coronariană aterosclerotică în populaţia românească**" - GeASRPro

3. PROIECT POS CCE - AXA PRIORITARĂ 2 - COMPETITIVITATE PRIN CERCETARE, DEZVOLTARE TEHNOLOGICĂ ŞI INOVARE DOMENIUL MAJOR DE INTERVENŢIE 2.2 (DMI 2.2) - INVESTIŢII ÎN INFRASTRUCTURA DE CDI ŞI DEZVOLTAREA CAPACITĂŢII ADMINISTRATIVE

   Operaţiunea 2.2.1-2013-1: Dezvoltarea infrastructurii C-D existente şi crearea de noi infrastructuri C-D (laboratoare, centre de cercetare) – **Centru avansat de cercetari medicale si farmaceutice / CCAMF – Nr. 1837/48736/2014**, director proiect, Value: 37.000.000 RON
4. **GRANTURI INTERNE- PROIECTE COLECTIVE 2014: "**ROLUL CITOKINELOR ÎN RĂSPUNSUL ETEROGEN AL PACIENTILOR CU SCLEROZA MULTIPLA LA TERAPIA IMUNOMODULATOARE" (CONDUCĂTOR RODICA BĂLAŞA)**,** MEMBRU IN ECHIPĂ **-** 20.000 EUR
5. **GRANTURI INTERNE- PROIECTE COMPLEXE 2013: "**MARKERI MOLECULARI COMPLECŞI CU VALOARE DIAGNOSTICĂ ŞI PROGNOSTICĂ ÎN LEUCEMIA ACUTĂ MIELOIDĂ" (CONDUCĂTOR CLAUDIA BĂNESCU)**, CONTRACT NR. 19/11.12.2013,** MEMBRU IN ECHIPĂ 20.000 EUR
6. **GRANTURI INTERNE- PROIECTE COMPLEXE 2013: "**ESTIMAREA VALORII UNOR BIOMARKERI ÎN DEPISTAREA PRECLINICĂ A PREECLAMPSIEI ÎN VEDEREA SCĂDERII MORBIDITĂŢII ŞI MORTALITĂŢII MATERNO-FETALE" (CONDUCĂTOR CARMEN RĂDULESCU)**,** MEMBRU IN ECHIPĂ 20.000 EUR
7. A 6-A CONFERINŢĂ ALMR CU PARTICIPARE INTERNATIONALA (6TH CONFERENCE OF THE ROMANIAN ASSOCIATION OF MEDICAL LABORATORIES, WITH INTERNATIONAL PARTICIPATION), PIATRA NEAMT 1-4 IUNIE 2011, GRANT ANCS 2011, 3533/12.04.2011, ACTIUNI SUPORT, UMF TG.MURES, DIRECTOR PROIECT, VALUE: 12.000 RON, WWW.RAML-CONFERENCE.RO/2011/
8. ANCS – PN II _ID_ PCE- 2011-3 - RESURSE UMANE- Tinere echipe – aplicatie 2011 (PN II -ID- PCE- 2011-3-0988) - DEVELOPMENT OF A PREDICTIVE MODEL USABLE AS A MEDICAL TOOL FOR THE PROGNOSIS OF VIROLOGICAL RESPONSE TO THERAPY IN CHRONIC HEPATITIS C
9. PROGRAMUL OPERAŢIONAL SECTORIAL PENTRU DEZVOLTAREA RESURSELOR UMANE 2007 – 2013;SOCIETATEA DE IMUNOLOGIE DIN ROMANIA-TITLU PROIECT: „FORMAREA PROFESIONALA SI ORGANIZATIONALA A ANGAJATILOR DIN LABORATOARELE DE IMUNOLOGIE PRIN IMPLEMENTAREA TEHNOLOGIILOR DE VARF SI A MANAGEMENTULUI CALITATII"; 2010-2013-POSDRU/81/3.2/S/59497; EXPERT PE TERMEN LUNG PENTRU REGIUNEA CENTRU

10. subventionarea literaturii Tehnico-stiintifice, Reviste:Rev Rom Med Lab, Grant ANCS 2010, UMF Tg.Mures- univ press, autor proiect (value: 5000 RON)

11. A 5-a Conferinţă ALMR cu participare internationala (5th Conference of the Romanian Association of Medical Laboratories, With international Participation), Mamaia 16-19 iunie 2010, Grant ANCS 2010, 4634 / 09.06.2010, Actiuni suport, UMF Tg.Mures, director proiect, valoare contract 23.000 RON, www.raml-conference.ro/2010/

12. proiectul COST Action BM0902 - Substitute Member in the Management Committee, 2010-2013, Network of experts in the diagnosis of myeloproliferative disorders (MPD), membru in echipa de colaboratori http://www.cost.esf.org/domains_actions/bmbs/Actions/BM0902-Network-of-experts-in-the-diagnosis-of-myeloproliferative-disorders-MPD-End-date-November-2013

13. Primul Congres ALMR cu participare internationala, Tg.Mures 24-27 iunie 2009, Grant ANCS 2009, 64 M/30.04.2009, Actiuni suport, valoare contract 6000RON, www.raml-conference.ro/2009/

14. Programul Operaţional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013; "Dezvoltarea unui sistem operational al calificarilor din invatamantul superior din Romania– DOCIS – 2008-2011 – ACPART, contract nr. POSDRU /2/1.2/S/2.Validarea calificărilor specifice domeniului de studii universitare de licenţă"Sănătate" -Expert pe termen scurt – Laborator Clinic

15. Endocardita infectioasa bacteriana – dezvoltarea unui model functional de supraveghere si caracterizare a agentilor etiologici, bazat pe metode moleculare si imunologice, ENDOBACT, nr. inreg. 2541/2008, Cnmp- PNCDI 2 Program 4, Grant Parteneriate, Inst Cantacuzino, Partener 3: UMF Tg.Mureş – Director proiect Partener 3, nivel finantare 310.000RON, 2008-2011, http://endobact.microumftgm.ro/.

16. Rolul tehnicilor de biologie moleculara in elucidarea mecanismelor infectiei cu virusul hepatitic de tip C, precum si in descoperirea de noi markeri pentru fibroza si carcinomul hepatocelular asociate cu aceasta infectie, cod WE 166, Grant CNCSIS 2008, nivel finantare 27.100 RON. (http://www.umftgm.ro/proiecte_granturi/bio_molec/home.html)

17. "Clinical and basic research in vascular haematology", HUNGARIAN – ROMANIAN INTERGOVERNAMENTAL S & T COOPERATION PROGRAMME FOR 2006 – 2007, înregistrat la UMF Târgu-Mureş cu nr.10862/09.11.2006, Coordonare: Associate professor Hársfalvi Jolan (University Debrecen, Medical- and Health Science Centre, Hungary), Sef.lucrari dr. Nagy Elod (UMF Tg.Mures), Prof. Laszlo Muszbek (University Debrecen, Medical- and Health Science Centre), Conf.dr. Minodora Dobreanu (UMF Tg.Mures), As. Univ. dr. Horváth Emoke (UMF Tg.Mures), research felow Fazakas Ferenc (University Debrecen, Medical- and Health Science Centre), Sef de lucrari dr. Puskás Attila (UMF Tg.Mures)

18. proiectul PHARE RO-2002/000-586.04.11.01, -586. 04.11.02, -586. 04.11.03"Restructurarea Retelei de Centre Regionale HIV/SIDA cu scopul de a imbunatati activitatile de prevenire si accesul la ingrijiri al persoanelor infectate HIV" 2002-2005; MS – Programul Naţional HIV-SIDA, Institutul Cantacuzino, Comisia de lupta anti SIDA – membru in echipa de colaboratori

19. DISFUNCTII ALE MONOCITELOR, LIMFOCITELOR SI PLACHETELOR SANGUINE IN HIPERLIPIDEMII-Grant CNCSIS tip "t" (cod CNCSIS 100, Comisia 6 – director de grant, înregistrat la UMF Târgu-Mureş cu nr. 6396/26.09.2000 (MEdC 42614/29.10.2000), 10.000 USD