



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	
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E-mail(s)	minodora.dobreanu@umfst.ro , minodora.dobreanu@rrml.ro		
Nationality	Romanian		
Date of birth			
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 – malign proliferation
Name and address of employer	University of Medicine and Pharmacy Tirgu Mures
Type of business or sector	Education, Research
Dates	Min Ed Cercet 1.643/02.08.2007 →
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 →
Occupation or position held	MD senior in Laboratory Medicine, PhD, member of Executive Committee of RALM
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 (RALM) 38, Gh Marinescu, 540139 Târgu Mureş (Romania)
Dates	12/2015 → 2020
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 Mureş (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	Fellow 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 Centre
Principal subjects / occupational skills covered	Lipid Metabolism and Cardiac Rehabilitation
Name and type of organisation providing education and training	Audubon Regional Medical Centre (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)
	09.1997 VIIth ETRO Advanced Teaching Course, Heviz, Hungary 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 Klinische Chemie, Klinikum der Uni - Regensburg (Laboratorium Medizin), (Germany)
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 (Belgique)
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)
Dates	10.2016
Title of qualification awarded	BD FACSAria III Operator Course
Principal subjects / occupational skills covered	Cell sorting using FACS ARIA III, BD Flow Cytometer
Name and type of organisation providing education and training	European Training Center Erembodegem , Belgium

Personal skills and competences

Mother tongue(s) **Romanian**

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
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 (90 persons)

President of Romanian Association of Medical Laboratories (2005-2009)

Member of IFCC, EFLM, SIR, SBCM, AACC, EAS

Director of a Master Degree Program in Clinical Laboratory – 2009-2019

Director of Advanced Medical Research Center of UMPHScT Tîrgu Mureş – 2015-2020

Main organizer of 23 conferences and congresses, 7 postgraduating courses

Computer skills and competences

Microsoft Office™

Additional information

Correspondent member of Romanian Academy of Medical Sciences – 2016

[http://www.adsm.ro/media/dms/M_C_pt_sit-ul%20ASM\(3\).pdf](http://www.adsm.ro/media/dms/M_C_pt_sit-ul%20ASM(3).pdf)

Bursaries / projects:

1. International Scholar of "The Cleveland Clinic Foundation", 1995
2. Fellow of Hungarian Academy of Sciences, 1997
3. Bursary Recipient: 18th International Congress of Clinical chemistry and Laboratory Medicine, Kyoto, October 20-25, 2002
4. Bursary Recipient: 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. 24 research projects / grants (director -8, member – 16)

Editorial activities:

- 1) The founder and actual Editor-in-chief of *Romanian Journal of Laboratory Medicine (Revista Romana de Medicina de Laborator)* www.rrml.ro, ISSN 1841-6624 (2013 Sciendo - de Gruyter (<https://sciendo.com/journal/RRML>), indexed by ISI Web of Knowledge - Web of Science, Clarivate Analytics, IF 2020 – 1,027
- 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 5 books main author and 9 co-author/chapter author, 118 articles *in extenso* (70 in ISI / 48 BDI journals), > 100 presented papers with abstracts published, sum of times cited = 450 (ISI Web of Knowledge), 1030 (Google Scholar)

HIRSCH - index 14

Google Scholar - index 17

Cumulated IF: 86

12.06.2022

Prof. Dr. Minodora Dobreanu



Published article in ISI journals with IF, main author

1. Huțanu, A., Georgescu, A. M., Voidăzan, S., Andrejkovits, A. V., Negrea, V., & **Dobreanu, M.** Low Serum Vitamin D in COVID-19 Patients Is Not Related to Inflammatory Markers and Patients' Outcomes—A Single-Center Experience and a Brief Review of the Literature. *Nutrients*, 2022, 14(10), 1998-.
2. DAVID, Remona E.; **DOBREANU, Minodora.** A Practical Approach to Using Quality Indicators in Continuous Quality Improvement Processes in a Medical Laboratory. *Clinical laboratory*, 2022, 68.1.
3. Földes A, Székely E, Voidăzan ST, **Dobreanu M.** Comparison of Six Phenotypic Assays with Reference Methods for Assessing Colistin Resistance in Clinical Isolates of Carbapenemase-Producing Enterobacterales: Challenges and Opportunities. *Antibiotics*. 2022; 11(3):377. <https://doi.org/10.3390/antibiotics11030377>.
4. **Dobreanu M**, Manu DR, Mănescu IB, Gabor MR, Huțanu A, Bărcuțean L and Bălașa R (2021) Treatment With Cladribine Selects IFN γ +IL17+ T Cells in RRMS Patients – An *In Vitro* Study. *Front. Immunol.* 12:743010, IF2020=7,561, <https://doi.org/10.3389/fimmu.2021.743010>
5. Györfi I, Pál K, Mănescu I, Oprea O, **Dobreanu M.** Atellica CH 930 chemistry analyzer versus Cobas 6000 c501 and Architect ci4100 - a multi-analyte method comparison. *Revista Romana de Medicina de Laborator*. 2021;29(4): 421-438. FI=1.027, <https://doi.org/10.2478/rrlm-2021-0027>
6. Huțanu A, Georgescu AM, Andrejkovits AV, Au W, **Dobreanu M.** Insights into Innate Immune Response Against SARS-CoV-2 Infection. *Rev Romana Med Lab.* 2021;29(3):255-69. FI=1.027, DOI:10.2478/rrlm-2021-0022
7. Moldovan V, Bănescu C, **Dobreanu M.** Genetic Diagnostic Approaches in Familial Hypercholesterolemia Evaluation. *Rev Romana Med Lab.* 2021;29(3):319-25. FI=1.027, DOI:10.2478/rrlm-2021-0025
8. Oprea OR, Barbu SV, Kodori DR, **Dobreanu M** Recall Rate in Congenital Hypothyroidism Screening: Influence of the Day of Sample Collection and Lower Cutoff Acta Endo (Buc) 2021, 17 (1): 22-25, FI=0.877, doi: 10.4183/aeb.2021.17
9. 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, *Arch Med Sci* 2021;17(4):864–873, IF2020=3.318, <https://doi.org/10.5114/aoms.2019.89302>
10. Huțanu A, Zaharia M, Farczadi L, Pașcanu IM, Pop RM, **Dobreanu M.** Evaluation of Plasma AA/DHA+EPA Ratio in Obese Romanian Children. *Rev Romana Med Lab.* 2021;29(2):165-78. DOI:10.2478/rrlm-2021-0002, FI=1.027, <https://rrml.ro/articole/articol.php?year=2021&vol=2&poz=4>
11. 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*, 2020, 22(3), p.496-503, IF2019=0.898, https://dx.doi.org/10.4103%2Faian.AIAN_74_19
12. Moldovan V, Banescu C, **Dobreanu M.** Molecular diagnosis methods in familial hypercholesterolemia. *Anatol J Cardiol.* 2020;23(3):120-127. doi:10.14744/AnatolJCardiol.2019.95038, FI 2019=1.223
13. Oprea OR, Zaharia M, **Dobreanu M.** Total Errors of TSH results by fluorescent immunoassay technique from dried blood spots in a newborn screening program for congenital hypothyroidism - variations in time. *Rev Romana Med Lab.* 2020;28(3):325-30. DOI:10.2478/rrlm-2020-0022, F.I.=1.027
14. Oana Roxana Oprea, Adina Huțanu, Oana Pavelea, David Robert Kodori, **Minodora Dobreanu.** Quality Control Strategy for Automated CBC: A Laboratory Point of View Deducted from an Internal Study Organised in an Emergency Laborator, *RRLM*, 28 (1):2020: DOI:10.2478/rrlm-2020-0012.F.I. 1.027
15. Manescu IB, Manu DR, Serban GM, **Dobreanu M.** Variability of ex-vivo stimulated T-cells secretory profile in healthy subjects. *Rev Romana Med Lab.* 2020;28(1):75-89. DOI:10.2478/rrlm-2020-0004, F.I. 0.945
16. ȘULAR F-L, IANCU M, CUCEREA M, MOLDOVAN E, OGNEAN ML, **DOBREANU M.** Oxidative Burst of Neonatal and Adult Peripheral Blood Phagocytes Confronting Escherichia coli and Candida albicans. *Rom Biotechnol Lett.* 2020; 25(2): 1340-1347. DOI: 10.25083/rbl/25.2/1340.1347 IF 2019: 0.965
17. 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
18. 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, IF=0.945
19. **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=0.945
20. 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, IF=0.945

21. 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
22. Adina Huțanu, Eموke 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
23. 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
24. Adina Huțanu, Smaranda Maier, Rodica Bălașa, Oana Roxana Oprea, Ștefan 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
25. Cristina Oana Marginean, Lorena Elena Meliț, Roxana-Cristina Mareș, 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.00000000000006936](https://doi.org/10.1097/MD.00000000000006936), IF2017=1.803
26. Alina Mărginean, Claudia Bănescu, Valeriu Moldovan, Alina Scridon, Mihai Mărginean, Rodica Bălașa, Smaranda Maier, Mariana Țăruși 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
27. Carmen Rădulescu, Anca Bacărea, 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
28. Claudia Bănescu, Mihaela Iancu, Adrian P Trifa, Marcela Căndeia, 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
29. 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
30. Septimiu Voidazan, Silviu-Horia Morariu, Monica Tarcea, Horațiu 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
31. Adina Stoian, Claudia Bănescu, Rodica Ioana Bălașa, Anca Moțățăianu, 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
32. 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
33. 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.
34. 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

35. 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
36. 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 pages <http://dx.doi.org/10.1155/2014/213790>, IF 2013 = 2.706
37. 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
38. Selicean I. Elena-Cristina, Pațiu 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
39. 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
40. 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
41. Simona Cernea, Adina Huțanu, Ligia Coroș, **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
42. 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
43. 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](http://dx.doi.org/10.1016/j.gene.2013.05.054), 10 September 2013, Pages 478–483. <http://dx.doi.org/10.1016/j.gene.2013.05.054>, IF 2012 = 2.341
44. Mihaela Ioana Chinceșan, 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
45. **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
46. Mihaela Ispas, Carmen Chincișan, 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. Anca Meda Georgescu, Claudia Banescu, Razvan Azamfirei, Adina Hutanu, Valeriu Moldovan, Iudita Badea, Septimiu Voidazan, **Minodora Dobreanu**, Ioana Raluca Chirtes, Leonard Azamfirei, *Evaluation of TNF-α genetic polymorphisms as predictors for sepsis susceptibility and progression*. *BMC Infect Dis*, 2020, **20**, 221. <https://doi.org/10.1186/s12879-020-4910-6>
2. 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* *Farmacologia*, 2019; 67(5), p.820-829, IF 2019=1.607
3. 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
4. Bernd Kaina, Alberto Izzotti, Jianzhen Xu, Markus Christmann, Alessandra Pulliero, Xing Zhao, **Minodora Dobreanu**, William

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