

LISTA COMPLETA DE LUCRĂRI

A. TEZA DE DOCTORAT

2003- Repausul alimentar total si influenta sa asupra sistemelor redox, UMF Carol Davila

B. ARTICOLE-STUDII IN EXTENSO PUBLICATE IN REVISTE COTATE ISI, INDEXATE PUBMED SAU ALTE BDI, CNCSIS

Articole-studii in extenso publicate in reviste cotate ISI

1. Dragos D, **Gilca M**: Taste of phytochemicals: a better predictor for ethnopharmacological activities of medicinal plants than the phytochemical class? J Ethnopharmacol. 2018;220:129-146. doi: 10.1016/j.jep.2018.03.034.
2. Gaman L, Dragos D, Vlad A, Robu GC, Radoi MP, Stroica L, Badea M, **Gilca M**: Phytochemicals in Acute Pancreatitis: Targeting the Balance between Apoptosis and Necrosis, Evidence-Based Complementary and Alternative Medicine, vol. 2018 (2018), Article ID 5264592, 27 pages, <https://doi.org/10.1155/2018/5264592> (IF 1.740)
3. **Gilca M**, Tiplica GS, Salavastru CM: Traditional and ethnobotanical dermatology practices in Romania and other Eastern European countries. Clinics in Dermatology, <https://doi.org/10.1016/j.clindermatol.2018.03.008> (IF: 2.470 in 2014)
4. Floroian L, Ristoscu C, Candianic G, Pastoric N, Moscatellic M, Mihailescu N, Negut I, Badea M, **Gilca M**, Chiesa R, Mihailescu IN: Antimicrobial thin films based on ayurvedic plants extracts embedded in a bioactive glass matrix, Applied Surface Science (2017), <http://dx.doi.org/10.1016/j.apsusc.2017.02.197> (Impact Factor: 3.150 in 2017)
5. **Gilca M**, Dragos D: Extraoral Taste Receptor Discovery: New Light on Ayurvedic Pharmacology, Evid Based Complement Alternat Med. 2017;2017:5435831. doi: 10.1155/2017/5435831 (IF 1.740) **Articol premiat UEFISCDI 2017 Top2-zona galbenă**
6. Dragos D, **Gilca M**, Gaman L, Vlad A, Iosif L, Stoian I: Phytomedicine in Joint Disorders, Nutrients 2017 Jan 16;9(1). pii: E70. doi: 10.3390/nu9010070. (5-Year Impact Factor: 4.064 in 2015) **Articol premiat UEFISCDI 2017 Top2-zona galbenă**
7. Iosif L, Gaman L, **Gilca M**, Radoi M, Kovacs E, Stoian I, Dragos D: Vegetable Oils Microwave Heating - CUPRAC, TEAC and FRAP Values in Relation with Oxidative Parameters, Revista de Chimie, 2017; 68(8): 1927-1930 (IF 1.232 in 2016)
8. Munteanu A, **Gilca M**, Isvoranu G, Surcel M, Ceafalan L, Manda G: Exposure of Human Endothelial Progenitors to Sevoflurane Improves Their Survival Abilities, RRML (Revista Română de Medicină de Laborator) Vol. 24, Nr. 2, Iunie, 2016 (IF 2016: 0.325) <https://doi.org/10.1515/rrlm-2016-0022>, ISSN: 2284-5623

9. **Gilca M**, Barbulescu A: Taste of medicinal plants: a potential tool in predicting ethnopharmacological activities? *J Ethnopharmacol.* 174:464-73, 2015. doi: 10.1016/j.jep.2015.08.040. [Epub ahead of print] (IF 2.5-Year Impact Factor: 3.261, in 2015) ISSN: 0378-8741 **Articol premiat UEFISCDI 2016** (Top1-Zona roșie)
10. **Gilca M**, Piriou G, Gaman L, Delia C, Iosif L, Atanasiu V, Stoian I. A study of antioxidant activity in patients with schizophrenia taking atypical antipsychotics. *Psychopharmacology (Berl).* 231(24):4703-4710, 2014. Doi: 10.1007/s00213-014-3624-0, ISSN: 0033-3158, **Articol premiat UEFISCDI 2015** (IF 2012= 4.061)
11. **Gilca M**, Lixandru D, Gaman L, Virgolici B, Atanasiu V, Stoian I. Erythrocyte membrane stability to hydrogen peroxide is decreased in Alzheimer's disease. *Alzheimer Disease and Associated Disorders.* 28(4):358-63, 2014. Doi: 10.1097/WAD.000000000000026, ISSN: 0893-0341, **Articol premiat UEFISCDI 2015** (IF= 2.728)
12. **Gilca M**, Gaman L, Lixandru D, Stoian I, Estimating the yin-yang nature of western herbs: a potential tool based on antioxidation- oxidation theory, *African Journal of Traditional, Complementary and Alternative medicines.* 11(3):210-6, 2014, ISSN: 0189-6016, (IF = 0.7)
13. **Gilca M**, Stoian I, Gaman, L. A New Insight into Estrogen Signaling: Yin-Yang Perspective, *Journal of Alternative and Complementary Medicine,* 19(1): 63-68, 2013, doi: 10.1089/acm.2011.0714, ISSN: 1075-5535 (IF = 1,464) **Articol premiat UEFISCDI 2013**
14. Singh N, Bhalla M., P de Jager, **Gilca M**. An overview on Ashwagandha: a rasayana (rejuvenator) of Ayurveda, *Afr J Tradit Complement Altern Med* 8(S):208-213, 2011 (IF = 0.7)
15. **Gilca M**, Gaman L, Panait E, Stoian I, Atanasiu V. Chelidonium majus- and integrative review. Traditional information versus scientific findings, *Forsch Komplementmed,* 17(5):241-248, 2011 (IF= 1,216)
16. **Gilca M**, Stoian I, Atanasiu V, Virgolici B. The oxidative hypothesis of senescence, *J Postgrad Med*, vol. 53:207-213, 2007 (IF = 1,608)
17. **Gilca M**. New physiological importance of two classic residual products:carbon monoxide and bilirubin", *Biochem Mol Med (now Mol Genet Metab)*, vol.61, p.136-142, 1997 (IF = 2,941)

Articole BDI

1. Dragos D, **Gilca M**: PhytoMolecularTasteDB: an integrative database on the "molecular taste" of Indian medicinal plants, *Data in Brief*, 2018, 10.1016/j.dib.2018.04.048
2. Piriou G, Torac E, Gaman LE, Iosif L, Tivig IC, Delia C, **Gilca M**, Stoian I, Atanasiu V. Clozapine and risperidone influence on cortisol and estradiol levels in male patients with schizophrenia. *J Med Life.* 2015;8(4):548-51
3. Dogaru CB, Capusa C, Gaman L, Torac E, Lixandru D, **Gilca M**, Iosif L, Muscurel C, Stoian I, Mircescu G, Atanasiu V : Venous versus arterial iron administration in haemodialysis. Influence on erythrocytes antioxidant parameters, *Journal of Medicine and Life Vol. 8, Special Issue,* 2015, 69-73
4. Dragos D, **Gilca M**, Gaman L, Stoian I, Lupescu O: Osteoprotective medicinal plants - part 1 (a human clinical evidence-based review, *Afr J Alt Compl Med* (accepted 11 April 2017)

Gel

5. Singh N, Pandey S, Vrat S, Sharma SC, Pandey BR, Verma P, Bhalla M, **Gilca M**. Musk (Kasturi)–Free Radical Scavenger: A Possible Enhancer of Life Span–Antioxidant. *Journal of Pharmaceutical Research & Clinical Practice*, 2(3) : 8-13, 2012
6. Singh N., Pandey B. R., Verma P, Bhalla M, **Gilca M**. Phyto-pharmacotherapeutics of *Cyperus rotundus* Linn. (Motha): An overview, *IJNPR* 3(4): 467-476, **2012**/ Nr citari:1
7. Singh. N, Pandey B.R., Verma P., Bhalla M., **Gilca M**. Single Blind Clinical Trial of Ayurvedic Organic Herbal Formulation Sugar Balance in Cases of Diabetes Mellitus Type-2, *IJNPR*, 3(2):33-38, **2011**
8. Singh N., Verma P., Pandey B. R., **Gilca M**. Role of *Withania somnifera* in Prevention and Treatment of Cancer: An Overview. *IJNPR*, 3(4): 274-279, **2011**
9. Singh N, **Gilca M**. Tulsi- A possible protector against air travel problems, *Natural Product Radiance*, 7(1): 54-57, **2008**
10. Gaman L, Stoian I, Atanasiu V, **Gilca M**. Can ageing be slowed? Hormetic and redox perspectives, *J Med Life*. 14; 4(4): 346–351, **2011**
11. **Gilca M**, Stoian I, Lixandru D, Gaman L, Virgolici B, Atanasiu V. Protection of erythrocyte membrane stability against oxidative damage by Geriforte in healthy human subjects, *Rom J Int Med*, vol 47(3):289-297, **2009**
12. **Gilca M**, Chirila M, Dinu V. Effect of fasting (80 hours) on the luminol- enhanced chemiluminescence of the polymorphonuclear leukocytes in healthy human subjects, *Rom J Intern Med*, vol.41(1), p75-81, **2003**
13. **Gilca M**, Stoian I, Mohora M, Petec C, Muscurel C, Dinu V. Influence of fasting on the parameters of the antioxidant defence in the blood of human vegetarian subjects, *Rom J Intern Med*, vol.41 (3), p 283-292, **2003**
14. Leru P, Rascu A, Oțelea M, Mohora M, Muscurel C, **Gâlcă M**, Dinu V. Study of fluticasone propionate efficacy in the treatment of patients with bronchial asthma not controlled by other inhaled corticosteroids. *Rom J Int Med (= Revue Roumaine de Medecine Interne)* 1998, 36(1-2):105-111, **1998**
15. Dinu V, **Gilca M**. Nitric oxide: a signaling and killer molecule, *Revue Roumaine de Biochimie*, vol.31, no.4, p.289-302, **1994**
16. Dinu V, **Gilca M**. Free radicals and calcium homeostasis: The antioxidant effect of calcium channel blockers. *Romanian Journal of Biophysics*, vol.3, no.2, p.79-94, **1993**

Articole în reviste indexate CNCSIS

1. Iliescu R, **Gilca M**. Could diet affect skin diseases? II. Enriched diets and regional diets, *Dermatovenerologie (Buc.)*, vol55(4):411-418, **2010**
2. **Gilca M**, Iliescu R, Can diet influence the dermatological conditions? I. Restrictive diets, *Dermatovenerologie (Buc.)*, 55(3):281-289, **2010**
3. Atanasiu V, **Gilca M**, Stoian I, L Gaman. Rolul stresului oxidativ in semnalizarea celulara. *Infomedica* 1(135), 37-40, 2006

4. **Gilca M.** Radicali liberi in dermatologie, *Medicina Moderna*, vol.5 (9);466-470
5. **Gilca M, Dinu V.** Nitric oxide-molecula duala, *Revista de Laborator Clinic*, vol.6, p.26-32, 1997
6. **Dinu V, Gâlcă M:** NO- un radical liber cu virtuți informaționale și citotoxice, *Medicina Modernă*, 1995, vol.II, nr.6, p. 319 -323, 1996

C. CARTI PUBLICATE

Monografie/alte carti in edituri internationale – coautor

1. Singh N., **Gilca M.** : Herbal Medicine- science embraces tradition, coauthor, Lambert Academic Publisher, Germany, 2010, ISBN 978-3-8383-2145-5
2. **Gilca M:** Chapter 2: *Coccinia indica*- An integrative Review: Ethnomedical Knowledge versus Modern Findings, in *Recent Progress in Medicinal Plants Series*, vol.46, Metabolic Disorders, Diabetes, Part II, Editors Govil JN, Singh S, Studium Press LLC, USA (Houston), 2018, ISBN 1-62699-083-2, SERIES ISBN: 0-9656038-5-7

Monografie/alte carti in edituri nationale – coordonator

1. **Gîlcă M** (coordonator) : *Biochimie medicală prin teste și exerciții* (978-606-685-454-2), Ed Performantica, 2016

Monografie/alte carti in edituri nationale – autor unic sau prim-autor

1. **Gîlcă M, Stoian I, Dragoș Dorin:** Medicinal plants and biologically active phytochemicals (ISBN 978-606-685-387-3), Ed Performantica, 2016
2. **Gîlcă M, Stoian I, Dragoș Dorin:** Plante medicinale și compuși vegetali biologic activi (ISBN 978-606-685-316-3), Ed Performantica, 2015
3. **Gîlcă M:** Notiuni de biochimie structurală (ISBN 978-973-708-587-3), Ed. Universitară Carol Davila, București, 2011
4. **Gîlcă M:** Aspects of structural biochemistry (ISBN 978-973-708-591-7), Carol Davila University Press, Bucharest, 2011
5. **Gîlcă M:** Biochemistry practice questions for medical students (ISBN 978-973-708-635-8), Carol Davila University Press, Bucharest, 2011
6. **Gîlcă M:** Postul alimentar- de la tradiție la știință (ISBN 973-708-040-8), Ed. Universitară Carol Davila, București, 2005

Monografie/alte carti in edituri nationale – co-autor

1. **Gîlcă M, Gaman L:** „Biochimie medicală- aspecte metabolice”(ISBN: 978-973-708-739-4), Ed. Universitară Carol Davila, București, 2013
2. **Gîlcă M, Stoian I:** „Introductory notes on biochemistry”(ISBN:978-973-708-721-8), Ed. Universitară Carol Davila, București, 2013
3. **Gîlcă M, Stoian I:** „Preparatory questions for biochemistry exam” (ISBN:978-973-708-724-9), Ed. Universitară Carol Davila, București, 2013
4. **Gaman L, Gîlcă M, Hillebrand A, Panait E, Vîrgolici B, coordonator Stoian I:** Practical Guide of Biochemistry-second revised edition (ISBN:978-973-708-714-0), Carol Davila, University Press, Bucharest, 2013

GM

5. **Gilcă M**, Virgolici B: Aspects of clinical biochemistry (ISBN 978-973-708-536-8), Ed. Universitară Carol Davila, București, **2011**
6. Atanasiu V, Mohora M (coordonatori), Dogaru B, Duță C, Gaman G, **Gilcă M**, Lixandru D, Muscurel C, Pîslaru L, Stoian I, Virgolici B: „Biochimie medicală – ghid pentru lucrări practice”, Ed. Niculescu, București, (ISBN 978-973-748-822-0) **2013**; (ISBN 978-973-748-655-4) **2012**; (ISBN:978-973-748-XXX-X) **2011**
7. Trutia E. (coordonator), Dinu V, Atanasiu V, Mohora M, Mihailescu I, Bageacu A, Dogaru C, Dogaru B, Duță C, Caplanusi A, **Gilcă M**, Muscurel C, Stoian I, Virgolici B: „Biochimie medicală – ghid pentru lucrări practice”, Ed. Niculescu, București, (ISBN 978-973-748-655-4) **1999**
8. Gaman L, **Gilcă M**, Hillebrand A, Panait E, Virgolici B, coordonator Stoian I: Practical Guide of Biochemistry-revised edition (ISBN:978-973-708-570-2), Carol Davila, University Press, Bucharest, **2011**
9. Atanasiu V (coordonator), Mohora M, Dogaru B, Duță C, Gaman G, **Gilcă M**, Lixandru D, Muscurel C, Stoian I, Virgolici B: „Biochimie medicală – teste grilă”, ISBN:978-973-748-XXX-X Ed. Niculescu, București, **2011**; (978-973-748-546-5), **2010**
10. Atanasiu V (coordonator), Mohora M, Caplanusi A, Dogaru B, Duță C, Gaman G, **Gilcă M**, Lixandru D, Muscurel C, Stoian I, Virgolici B: „Biochimie medicală – teste grilă”, ISBN:978-973-568-869-7 Ed. Niculescu, București, **2006**
11. Gaman L, **Gilcă M**, Hillebrand A, Panait E, Virgolici B, coordonator Stoian I: Practical Guide of Biochemistry (ISBN 978-973-708-434-7), Ed. Universitară Carol Davila, București, **2010**
12. Virgolici B, **Gilcă M**, “Elemente de biochimie de laborator”, Editura Universitară „Carol Davila”, București (ISBN:978-973-708-478-1), **2010**
13. Greabu M, Atanasiu V, Mohora M, Mihailescu I, **Gilca M**, Gaman L: “Teste pentru admiterea in invatamantul superior- editia a XVI-a revizuita si adaugita”, **2013**, ISBN 978-973-708-673-0, Ed.Universitara ”Carol Davila”, Bucuresti; editia a XV-a revizuita si adaugita, **2012**, ISBN 978-973-708-606-8; editia a XIV-a revizuita si adaugita, **2011**, ISBN:978-973-708-531-3; editia a XIII-a revizuita si adaugita, **2010**, ISBN:978-973-708-462-0; editia a XII-a revizuita si adaugita” **2009**, ISBN:978-973-708-381-4;
14. Greabu M, Atanasiu V, Mohora M, Mihailescu I, Căplănuși A, **Gilca M**, Gaman L: ISBN:978-973-708-286-2; editia a XI-a revizuita si adaugita”, **2007**, ISBN:978-973-708-286-2; ediția a X-a revizuita si adaugita, **2006**, ISBN:978-973-708-003-3; editia a IX-a, **2005**, 973-708-087-4; editia a VIII-a- **2005** 973-708-030-0
15. **Gilcă M**, Virgolici B: Elemente de biochimie clinică (ISBN 978-973-708-232-9), ½ din manual Ed. Universitară Carol Davila, București, **2008**
16. **Gilcă M**, Virgolici B: Biochimie medicală- note de curs pentru colegii, (ISBN [10] ; 973-703-027-0; ISBN [13]: 978-973-708-027-1), Ed. Universitară Carol Davila, București, **2007**
17. **Gilcă M.**, Virgolici B: Biochimie clinică-note de curs (ISBN 973-708-044-0), Ed. Universitară Carol Davila, București, **2005**

D. LUCRARI PUBLICATE IN REZUMAT IN CADRUL UNOR CONFERINTE NATIONALE SI INTERNATIONALE

Lucrări publicate la conferinte internationale în volume ale unor reviste cotate ISI

1. M. Popescu, I. Stanca, C. Stancu, L. Niculescu, **M. Gilca**, L. Ceafalan, D. Corneci, A.C. Popescu, D.R. Dimulescu, A. Vlad: Pre-procedural administration of sevoflurane increases the levels of endothelial progenitor cells in patients undergoing coronary

- angioplasty, poster, European Society of Cardiology Congress 2017, 26 - 30 August, Barcelona, Spain, Publicat in European Heart Journal, Volume 38, Issue suppl_1, 1 August 2017, ehx504.P4295
2. Pavel B, **Gilca M**, Ceafalan L, Stancu C, Niculescu L, Andrei E, Popescu M, Stanca I, Melnic M, Popescu A, Corneci D, Dimulescu D, Munteanu Vlad A: Plasma levels and functional properties of human endothelial progenitor cells following exposure to sevoflurane, poster Physiology 2016, Joint Meeting of the American Physiological Society and The Physiological Society, 29 - 31 July, Dublin, Ireland, Publicat in *Physiology 2016*, Electronic Poster Abstract Book
 3. Munteanu Vlad A, **Gilca M**, Isvoranu G, Surcel M, Ceafalan L, Manda G: In vitro Exposure of Human Endothelial Progenitors to Sevoflurane Improves Their Survival Abilities, poster Federation of European Physiological Societies 2016 Annual Meeting, 29 June - 1 July, Paris, France, Publicat in *Acta Physiologica*, Volume 217, Supplement 708, June 2016
 4. Munteanu Vlad A., Isvoranu G., **Gilca M.**, Ceafalan L., Surcel M., Stoian I., Pavel B., Manda G.: Sevoflurane increases proliferation, adhesion on HUVEC and incorporation in tubule-like structures of endothelial progenitor cells isolated from human umbilical cord blood, poster Experimental Biology 2015, 28 Martie - 1 Aprilie, Boston, SUA, Publicat in *The FASEB Journal* vol. 29 no. 1 Supplement LB590, April 2015
 5. Munteanu Vlad A., Isvoranu G., **Gilca M.**, Ceafalan L., Surcel M., Pavel B., Manda G.: In Vitro Priming with Sevoflurane Enhances Proliferation and Functional Abilities of Endothelial Progenitor Cells Isolated From Human Umbilical Cord Blood, poster International Society for Stem Cell Research 2015 Annual Meeting, 24 - 27 June, Stockholm, Sweden, Publicat in ISSCR 2015 Annual Meeting, Electronic Poster Abstract Book
 6. Iosif L, Tivig I, Gaman L, **Gilca M**, Atanasiu V, Stoian I. PP45-Microwave versus electrical oven heating influence on oxidative stress parameters, flavonoids and polyphenols content of five different commercial cooking oils. SFRR-E/SNFS Conference Abstracts, Stuttgart, Free Radical Biology and Medicine 86, Supplement 1, S34, 2015
 7. Dogaru CB, Capusa C, Gaman EL, Muscurel C, **Gilca M**, Mircescu G, Atanasiu V, Stoian I. Haemodialysis treatment influence on carbonyl stress parameters, SRFF-E Meeting, Stuttgart (Germany), 2-5 Sep 2015
 8. Gaman EL, Delia C, **Gilca M**, Radulescu F, Muscurel C, Iosif L, Atanasiu V, Stoian I. Tramadol influence on lipid profile, sexual hormones and paraoxonase activity in healthy volunteers, Oxygen Club of California World Congress, "Oxidants and antioxidants in biology", 24-26 June 2015, Valencia, Spain
 9. Delia CE, Gaman LE, Atanasiu V, **Gilca M**, Muscurel C, Lixandru D, Stoian I. Paraoxonase activity and Trolox equivalent antioxidant capacity (TEAC) in children with iron deficient anemia, 5th EfCCNa Congress 29-31 January 2015, Expanding Horizons of Critical Care Nursing in Europe, Valencia, Spain
 10. Munteanu Vlad A, Isvoranu G, **Gilca M**, Ceafalan L, Surcel M, Stoian I, Manda G. Sevoflurane Increases Proliferation, Adhesion on HUVEC and Incorporation in Tubular Structures of Endothelial Progenitor Cells, April 2015, The FASEB Journal, vol. 29 no. 1 Supplement LB590 (Abstract publicat in The FASEB Journal)
 11. Gaman L, Lixandru D, **Gilca M**, Gheorgiu I, Muscurel C, Panait E, Horhoianu I, Atanasiu V, Stoian I. Placental antioxidant systems -maternal age influence, Annual Meetings of the Society for Free Radical Biology and Medicine, 65 (s1): S51, September 2013, Atena, Grecia (Abstract publicat in Free Radical Biology and Medicine)
 12. Stoian, I., Atanasiu, V, Iosif, L., Gaman, L., Panait, E., **Gilca, M.** Oxidative stress related parameters in clozapine treated schizophrenia patients. 53(s1), s181 Annual Meetings of the

- Society for Free Radical Research (SFRR Europe), 6-9 Septembrie 2012, Londra (Abstract publicat în Free Radical Biology and Medicine)
13. Gaman L, Stoian I, **Gilca M**, Stefan F, Miron D, Busu C, Atanasiu V, Botescu M, Verga N, Iosif L, Panait E, Delia C: *Paraoxonase, lipid profile and sexual hormones level in metoprolol treated healthy volunteers* Annual Meetings of the Society for Free Radical Research (SFRR Europe), 7-10 Septembrie 2011, Istanbul, Turcia (Abstract publicat în Free Radical Research)
 14. Gaman LE, Stoian I, Atanasiu V, Lixandru D, Muscurel C, **Gilca M**, Panait E, Virgolici B, Horhoianu I, Delia C. *Evaluation of erythrocytes antioxidant systems in pregnant women.* Hannover, Germania, 2-5 nov, ESPNIC Congress 2011 Abstract publicat în Intensive Care Medicine)
 15. Gaman L, Stoian I, Atanasiu V, Lixandru D, Panait E, Delia C, **Gilcă M**, Busu C, Leu D - Comparison of iron status and erythrocyte antioxidant protection between subjects from Romanian urban and rural areas, Annual Meetings of the Society for Free Radical Research (SFRR Europe), 12-15 Septembrie 2010, Oslo, Norvegia (Abstract publicat în Free Radical Research)
 16. Gaman L, Stoian I, Lixandru D, Atanasiu V, Maracine M, Horhoianu V, Anca AF, Badea I, Badiu A, Coltan L, **Gilca M**, Manolescu B, Cimpean D. - Potential effects of age-associated oxidative stress in pregnancy – 34th FEBS Congress, 4-9 July 2009, Praga, Cehia (Abstract publicat în FEBS Journal)
 17. **Gilca M**, Lixandru D, Gaman L, Virgolici B, Stoian I, Atanasiu V. Erythrocyte membrane stability and antioxidant status in patients with Alzheimer disease – 13th Congress of the European Hematology Association, 12-15 Iunie 2008, Copenhaga, Danemarca (Abstract publicat în Hematology Journal)

E. ALTE LUCRĂRI ȘI CONTRIBUȚII ȘTIINȚIFICE

Articole în alte reviste nationale sau internaționale

1. Singh N., **Gilca M**. An overview on the present day scenario of Ayurvedic herbs, need of organic farming and fasting therapies, AYUSH Tomorrow, vol.2(2), 2006
2. **Gilca M**, Dinu V: Mecanisme moleculare în aterogeneză, Spitalul (Romania), p.11-19, 1996

Lucrări prezentate la conferințe internaționale, publicate în volume cu ISSN/ISBN

1. **Gilcă M**: Paradigm shift in taste science, New Trends on Sensing-Monitoring-Telediagnosis for Life Sciences, NT SMT-LS 2015, Bucharest, Romania, Sept 7-9, 2017, Publicat în Journal of Medicien and Life 2017 Abstract Book
2. Al-Shami J, **Gilca M**, Ceafalan L, Stoian I, Vlad A: In Vitro Exposure to Sevoflurane Enhances the Functional Abilities of Human Endothelial Progenitor Cells, prezentare orala Medical International Conference for Students 2017, 30 March – 2 April, Bucharest, Publicat in MEDICS 2017 Abstract Book, ISSN 2501-3882
3. **Gilcă M**, Bhalla M, Gaman L, Stoian I: New paradigm in medicinal plant research: the role of the ethnopharmacophore descriptors in botanical bioprospecting (Chapter 4), in Challenges in medicine, food control and environmental (e-book), Editors: Laura Floroian, Mihaela Badea, Publisher: Universitatea Transilvania, Brasov (ISBN: 987-606-19-0591-1), 2015

4. Iosif L, Tivig I, Gaman L, **Gilca M**, Atanasiu V, Irina, Stoian, Microwave heating influence on oxidative stress parameters in vegetable oils OCC 2015 - Oxygen Club of California World Congress - Valencia (Spain), 24th - 26th June 2015
5. I. Stoian, L. Iosif, D. Prundurelu, L. Gaman, **M. Gilca**, V. Atanasiu Total antioxidant capacity assays tools to predict heating associated oxidative modifications of vegetable oils, International Conference New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences NT SMT-LS 2014 Brasov, Romania, July 24-26, 2014
6. Iosif L, Prundurelu D, Gaman L, **Gilca M**, Atanasiu V, Stoian I. Microwave versus electrical oven heating influence on oxidative stress parameters of different commercial cooking oils, International Conference New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences NT SMT-LS 2014 Brasov, Romania, July 24-26, 2014
7. Iosif L, Prundurelu D, Gaman L, **Gilca M**, Atanasiu V, Stoian I. Microwave heating influence on total antioxidant capacity and lipid peroxides level of 5 commercial cooking oils, "The 5th International Conference on Food Chemistry, Engineering & Technology", Timisoara, 2014
8. Dogaru BC, Gaman LE, Capusa C, Mircescu G, Lixandru D, Gheorghiu I, **Gilca M**, Panait E, Atanasiu V. Venous versus arterial iron administration in hemodialysis. Influence on erythrocyte antioxidant parameters, 5th Symposium Nutrition, Biologie de l'Oxygene et metabolism, Paris-France, 5-7 Juin 2013
9. Gaman LE, I. Stoian, V. Atanasiu, D. Lixandru, C. Muscurel, **Gilca M**, E. Panait, B. Virgolici, I. Horhoianu, D. Cimpean, C. Delia, R. Papacocea, C. Vasiliu. Antioxidant systems in cord blood erythrocytes versus mother venous blood erythrocytes. Vienna 9-12 sept, EMBO Congress 2011
10. Gaman L, **Gilca M**, Stoian I, Alifanti C, Filipescu C, Panait E, Delia C, Atanasiu V, Leabu M. Determination of polyphenols by HPLC in three medicinal plants from Romanian flora: *Helleborus purpurascens*, *Geranium Robertianum*, *Xanthium spinosum*, 10 International Nutrition and Diagnostics Conference, 4-7 sept 2010, Praga, Cehia, ISBN 978-80-7395-257-0
11. Rădoi V., Mohora M, Virgolici B, Lixandru D, Gaman L, Coman A, **Gilca M**, Stoian I, Dysglycemia and macrovascular complications in diabetic foot patients, poster nr 46, al XVII-lea Congres National de Endocrinologie cu participare Internationala, 29-31 octombrie 2009, Sinaia, România, (Infomedica)
12. **Gilca M**, Mohora M, Muscurel C, Dinu V. Is fasting beneficial? First International Meeting of the Romanian Society of Biochemistry and Molecular Biology, Bucharest, 24-26 September, 1998, Abstract publicat in Rom J Int Med (=Revue Roumaine de Biochimie), 35 (Special Issue 1-2):141, 1998
13. **Gilca M**, Stoian I, Mohora M, Petec-Calin C, Muscurel C. Is fasting benefic or malefic? Biological Aging — Euroconference on Molecular, Cellular and Tissue Gerontology(Spa, Belgium, 6–10 May 2000): Supported by the European Commission, Research DG, Human Potential Programme, High-Level Scientific Conferences (Proposal No.: HPCF-1999-00115) — Under the auspices of the International Association of Gerontology & United Nations Programme on Ageing.

Lucrări prezentate la conferințe internaționale, publicate în volume fără ISSN/ISBN:

1. **Gilcă M**, Gaman L, Dana Lixandru, Bogdana Virgolici, Irina Stoian, Valeriu Atanasiu, *Plasma and erythrocytes antioxidant status in patients with Alzheimer's disease*, International Autumn University, Poiana Brasov, 8-13th of October 2005

Lucrări prezentate la conferințe naționale, publicate în volume cu ISSN/ISBN:

1. Munteanu Vlad A., Isvoranu G., **Gilca M.**, Ceafalan L., Surcel M., Cigaran R., Pavel B., Manda G.: Sevoflurane preconditioning enhances proliferation and functional properties of human endothelial progenitor cells *in vitro*, poster, A XXVIII –a Conferința a Societății Naționale de Științe Fiziologice, 28 – 30 mai 2015, Constanta, Publicat în Fiziologia/ Physiology supplement, May 2015, ISSN 1223 – 2076
2. **Invited speaker-** **Gilcă M:** Proprietățile organoleptice ale plantelor medicinale- o perspectivă etnofarmacologică, Congresul Asociației Medicale Române 20-22 aprilie 2017, Ediție Aniversară 160 de ani de la înființare, București, publicat în Revista Medicală Română, Suppl 2017, Abstract Book
3. Gaman L, **Gilca M**, Stoian I, Filipescu C, Alifanti C, Atanasiu V, Leabu M. Identificarea unor compusi polifenolici cu efect modulator proliferativ și apoptotic în extractele vegetale provenite din trei plante din flora autohtonă: Napraznic, Ghimpe și Spanz. Simpozion național de cercetare științifică medicală de excelență, Sinaia 28-30 sept 2008
4. **Gilcă M**, Chirilă M. Influența repausului alimentar complet asupra emisiei chemiluminescente a leucocitelor polimorfonucleare, Sesiunea Anuală a Societății Române de Biochimie și Biologie Moleculară, 19 septembrie 2000, București
5. Dogaru C., Dogaru B., **Gilcă M.** "Evoluția sistemelor redox în timus și pancreas în funcție de vârstă", Conferința Națională de Laborator Clinic (a IV-a ediție), 9-12 septembrie 1997, București, România

COMUNICĂRI ORALE

Comunicări la conferințe internaționale

1. **Gilcă M:** Paradigm shift in taste science, New Trends on Sensing-Monitoring-Telediagnosis for Life Sciences, NT SMT-LS 2015, Bucharest, Romania, Sept 7-9, 2017
2. **Gilcă M**, Bhalla M, Gaman L, Stoian I: New paradigm in medicinal plant research: the role of the ethnopharmacophore descriptors in botanical bioprospecting, New Trends on Sensing-Monitoring-Telediagnosis for Life Sciences, NT SMT-LS 2015, Brasov, Romania, Sept 3-5, 2015
3. **Invited speaker:** Gilca M, Bhalla M: "Use of botanicals in ayurvedic tradition and the need for organic herbiculture" Conference on Botanicals for nutrition and health- from the Nagoya protocol to the international cooperation, Università degli Studi del Milano, EXPO Milano, 13 iulie, 2015
4. **Invited Speaker** Gilca M: "To age or not to age: redox therapy and Rasayana Chikitsa", First International Congress of Ayurveda, Klagenfurt, Austria, 1-2nd of October, 2010

Comunicări orale la conferințe naționale

1. **Gilcă M:** Suplimente alimentare în diabetul zaharat, Congresul UMF Carol Davila A IV-a Ediție, 2-4 Iunie 2016, București
2. Sandmann M, Botea S, **Gilca M**, Isvoranu G, Surcel M, Ceafalan L, Manda G, Vlad A: Protective effects of *in vitro* preconditioning with sevoflurane on human endothelial progenitors, Congresul UMF Carol Davila 2016, 2 - 6 iunie, București
3. Botea S, Tau V, **Gilca M**, Isvoranu G, Surcel M, Ceafalan L, Manda G, Vlad A: Sevoflurane priming of human endothelial progenitors enhances their survival abilities, Medical International Conference for Students 2016, 14 – 17 April, Bucharest

4. **Invited speaker-** Gilcă M: Proprietățile organoleptice ale plantelor medicinale- o perspectivă etnofarmacologică, Congresul Asociației Medicale Române 2017, Ediție Aniversară 160 de ani de la înființate, București
5. **Gilcă M**, Bărbulescu A: Gustul plantelor medicinale- un descriptor cu valoare predictiva a acțiunilor etnofarmacologice, Al VII lea Congres al Medicilor Fitoterapeuți din Romania, Sibiu 20.05-22.05.2016
6. **Gilcă M**: Tulburările digestive- factor de risc în afecțiunile ginecologice, Al III-lea Congres National de Medicină Integrativă cu participare internațională, București, România, 2013
7. **Gilcă M**: Vechi și nou în terapiile antiageing: o perspectivă integrativă, Al II-lea Congres National de Medicină Integrativă cu participare internațională, București, 2011
8. **Gilca M**: Influența repausului alimentar complet asupra sistemelor redox, Sesiunea Anuală a Societății Române de Biochimie și Biologie Moleculară, 19 septembrie 2000, București
9. **Gilca M**: "Matricea energetică vegetală- metoda de evidențiere"- Al VIII-lea Simpozion de Terapie Naturista « Medicina Holistica în actualitate » organizat de Societatea de Fitoterapie din Romania, Academia de Științe Medicale, Academia Oamenilor de Știință, UMF Tg Mures, Colegiul Medicilor din Romania, 17 iulie 1999, Biertan- Bazna, Romania
10. Leru P, Rascu A, Otelea M, Mohora M, Muscurel C, **Gilca M**, Dinu V: "Studiul eficacității propionatului de fluticazonă în tratamentul pacienților cu astm bronșic care nu puteau fi controlați cu alți corticoizi inhalatori", Congresul de Alergologie și Imunologie Clinică, 2 Octombrie 1998, Poiana Brasov, Romania
11. Mohora M, **Gilca M**, Muscurel C, Dinu V: "Influența propionatului de fluticazonă asupra stresului oxidativ în astmul bronșic" Conferința Națională de Laborator Clinic, 9-12 Septembrie, București, Romania
12. **Gilca M**: „Repausul alimentar total, știința cochetează cu tradiția”, Conferința națională de Terapii Alternative cu participare internațională, 6-8 Septembrie 1998, Arad, România
13. **Gilca M**, Dinu V: „Actualități în domeniul radicalilor liberi”, Conferința Națională de Laborator Clinic, a IV-a ediție, 9-12 septembrie 1997, București
14. Stefan E, **Gilca M**: A scientific insight into an Ayurvedic treatment: use of honey in diabetes and obesity, Second National Congress of Apytherapy and Aypuncture with International participation, 21-24 November 2008, Iasi, Romania

Alte comunicări orale

1. Gilca M: "My experience in introducing molecular neoplasia"- Romanian-American Dialogue about Medical Education- Experience of "Carol Davila" University in aligning the curriculum with the Western World, București, Romania, 20th of June, 2002

Gilca