

LISTA DE LUCRĂRI

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A) LISTA A MAXIM 10 LUCRĂRI CONSIDERATE RELEVANTE PENTRU REALIZĂRILE PROFESIONALE (incluse în format electronic în dosar)

1. Alina-Veronica Ghionescu, Andrei Sorop, Ekaterini Linioudaki, Cristin Coman, Lorand Savu, Marton Fogarași, **Daniela Lixandru***, Simona Olimpia Dima. **A predicted epithelial-to-mesenchymal transition-associated mRNA/miRNA axis contributes to the progression of diabetic liver disease**, Scientific Reports (Q1), 14:27678, 2024, FI=3.80 (*corespondent) <https://doi.org/10.1038/s41598-024-77416-4>
2. Constantinescu DR, Sorop A, Ghionescu AV, **Lixandru D**, Herlea V, Bacalbasa N, Dima SO. **EM-transcriptomic signature predicts drug response in advanced stages of high-grade serous ovarian carcinoma based on ascites-derived primary cultures**, Frontiers In Pharmacology (Q1), 15, 1-14, 2024, FI=4.32 DOI: 10.3389/fphar.2024.1363142
3. Adi Har-Zahav, **Daniela Lixandru***, David Cheishvili, Ioan Valentin Matei, Ioana Raluca Florea, Veronica Madalina Aspritoiu, Inna Blus-Kadosh, Irit Meivar-Levy, Andreea Madalina Serban, Irinel Popescu, Moshe Szyf, Sarah Ferber, Simona Olimpia Dima **The role of DNA Demethylation in Liver to Pancreas Transdifferentiation**, Stem Cell Research & Therapy (Q1) vol 13, article number: 476, 2022 FI=7.16 (*contributie egala si corespondent) <https://doi.org/10.1186/s13287-022-03159-6>
4. Alexandru PR (Flintoaca), Chiritoiu GN, **Lixandru D**, Zurac S; Ionescu-TargovisteC, Petrescu SM. **EDEM1 regulates the insulin mRNA level by inhibiting the endoplasmic reticulum stress-induced IRE1/JNK/c-Jun pathway**, iScience (Q1) 26 (10), 1-18, 2023, FI=4.76, DOI: <https://doi.org/10.1016/j.isci.2023.107956>
5. Ioan Valentin Matei, Irit Meivar-Levy, **Daniela Lixandru**, Simona Dima, Ioana Raluca Florea, Veronica Madalina Ilie, Radu Albulescu, Irinel Popescu, Sarah Ferber „**The effect of liver donors’ age, gender and metabolic state on the transdifferentiation efficiency to endocrine pancreas**” Regenerative Medicine (Q3), 16(1):19-31, 2021; FI= 2.52; DOI: 10.2217/rme-2020-0092; <https://www.futuremedicine.com/doi/abs/10.2217/rme-2020-0092>
6. Razvan Iacob, Vlad Herlea, Lorand Savu, Raluca Florea, Veronica Ilie George Terinte-Balcan, Mihaela Gherghiceanu, Mihaela Uta, Codruta Popa, Speranta Iacob, Ioan Valentin Matei, Cerasela Jardan, **Daniela Lixandru**, Simona Dima, Irit Meivar-Levy, Sarah Ferber, Irinel Popescu „**Phenotypic assessment of liver-derived cell cultures during in-vitro expansion**” Regenerative Medicine (Q3);16(1):33-46, 2021; FI= 2.52; DOI: 10.2217/rme-2020-0093; <https://www.futuremedicine.com/doi/abs/10.2217/rme-2020-0093>
7. Liviu Iosif, **Daniela Lixandru***, Laura Gaman, Mihaela Ilie, Bogdan Smeu, Diana Simona Stefan, Laura Petcu, Ariana Picu, Alina Constantin, Constantin Ionescu-Tîrgoviște, Cristian Guja, Cătălin Copăescu, Irina Stoian **Oxidative stress profile and type 2 diabetes remission at 6 months after sleeve gastrectomy versus**, Farmacia (Q4) vol 67, 1 <https://doi.org/10.31925/farmacia.2019.1.13>, 2019 IF=1.60 (*corespondent)

8. **D. Lixandru***, P. Alexandru, A. Mihai, A. Roșca, C. Ionescu-Tîrgoviște, L.I. Brașoveanu & B. Manuel-y-Keenoy **Decreased paraoxonase 2 enzymatic activity in monocyte/macrophages cells. A comparative *in vivo* and *in vitro* study for diabetes**, Free Radical Research (Q2), 51 (6), 1-12, 2017, IF=3.05 <https://doi.org/10.1080/10715762.2017.1344983> (*prim autor)
9. Andrada Mihai, **Daniela Lixandru***, Petruța Alexandru, Irina Stoian, Simona Carniciu, Manuela Mitu, Cristian Guja, Constantin Ionescu-Tîrgoviște **Negative association between paraoxonase 2, anthropometric markers and metabolic syndrome** Open Life Sci. (Q3) 10, 365-371, 2015, FI=1.04 (*corespondent)
10. **Daniela Lixandru***, Maria Mohora, Anca Coman, Irina Stoian, Carolien Van Gils, Petra Aerts, Begona Manuel-y-Keenoy – **Diet and paraoxonase 1 enzymatic activity in diabetic food patients from Romania and Belgium: favourable association of high flavonoid dietary intakes and arylesterase activity**, Annals of Nutrition and Metabolism (Q2), vol 56, no 4, pp 294-301, 2010 FI = 2.17 (*prim autor)

B) TEZA DE DOCTORAT

Titlul tezei de doctorat: „*Studiul interacțiilor dintre glucide, lipide, proteine, antioxidanți și celulele sanguine – relevanța pentru patologii asociate diabetului zaharat*”

Conducător științific: Dr. Lorelei Irina Brașoveanu

Data susținerii publice: 20 Decembrie 2010

Ordin diploma de Doctor în Medicină: 117/23.06. 2011

C) BREVETE DE INVENȚII

1. „UTILIZAREA UNUI BIORECTOR ROTATIV PENTRU STIMULAREA PROCESULUI DE MATURARE A CELULELOR PANCREATICE OBTINUTE PRIN TRANSDIFERENȚIEREA CELULELOR HEPATICE” – RO135274 (A0) Publicare aplicație **RO-BOPI 10/2021, din 29.10.2021**, [espacenet Date bibliografice](#)

Autori: Ferber Sarah, Meivar-Levy Irit, Dima Simona Olimpia, Serban Andreea Madalina, **Lixandru Daniela**, Florea Ioana Raluca, Aspritoiu Veronica Madalina, Matei Ioan Valentin, Albulescu Radu, Tanase Cristiana, Popescu Irinel

2. “METODĂ DE CHEMOSENZITIVITATE A RĂSPUNSULUI LA TRATAMENTUL CU AGENȚI CHIMioterapeutici-PLATFORMĂ PENTRU TRATAMENTUL PERSONALIZAT AL CANCERULUI OVARIAN” - RO135596 (A0), Publicare aplicație **RO-BOPI 3/2022, din 30.03.2022**, [espacenet Date bibliografice](#)

Autori: Constantinescu Diana Roxana, **Lixandru Daniela Mioara**, Dima Simona Olimpia, Popescu Irinel, Sorop Andrei, Filippi Alexandru, Cretoiu Dragos, Suciu Nicolae

3. „METODĂ DE INDUCERE A VASCULARIZAȚIEI SUBCUTANATE PRIN UTILIZAREA CELULELOR HEPATICE UMANE PRIMARE PRODUCĂTOARE DE VEGF” - RO135871 (A0) Publicare aplicație **RO-BOPI 7/2022, din 29.07.2022**, [espacenet Date bibliografice](#)

Autori: Dima Simona Olimpia, Serban Andreea Madalina, **Lixandru Daniela Mioara**, Coman Cristin, Florea Ioana Raluca, Aspritoiu Veronica Madalina, Negoita Valentina, Popescu Irinel

D) CĂRȚI/CAPITOLE DE CĂRȚI DE SPECIALITATE:

1. **A Review on COVID-19 and diabetes mellitus: deciphering hypotheses woensening prognosis**” Radu Albulescu, Simona Olimpia Dima, Ioana Raluca Florea, **Daniela Lixandru**, Andreea Madalina Serban, Veronica Madalina Aspritoiu, Cristiana Tanase, Irinel Popescu, Sarah Ferber; 2021_BP_9973D; *New Frontiers in Medicine and Medical Research Vol.5*, 2021, Page 92-108; <https://doi.org/10.9734/bpi/nfmmr/v5/9973D>
2. **A good prevention needs a good prediction** – Constantin Ionescu-Tîrgoviște (coordonator), Autori: Cristian Guja, Paul Gagniuc, **Daniela Lixandru**, București 2016, ISBN 978-973-7928-98-6
3. **COLECȚIA ZILELE RAINER “Antropologie și Mediu”** - C. Cristescu, **D. Lixandru**, J. Tudosoiu, E. Rusu, M. Ghinescu, V. Cristescu, C. Ionescu-Tîrgoviște **Relația dintre rata metabolică de rapaus și markerii antropometrici la pacienții cu diabet zaharat de tip 2 nou diagnosticat**, *Antropologie și Mediu*, vol 5, Editura Niculescu, p152-159, 2014 (ISBN PDF: 978-973-748-859-6)
4. **Biochimie Medicală-Teste Grilă** Coordonatori: Valeriu Atanasiu, Maria Mohora; Autori: Beatrice Carmen Dogaru, Carmen Duță, Marilena Gîlcă, Laura Gaman, **Daniela Lixandru**, Corina Muscurel, Irina Stoian, Bogdana Vîrgolici. Editura Niculescu, București, **2011, 2012**
5. **Biochimie medicală - Ghid pentru lucrările practice**. Coordonatori: Valeriu Atanasiu, Maria Mohora; Autori: Adrian Mircea Căplănuși, Beatrice Carmen Dogaru, Cristian Dinu Dogaru, Carmen Duță, Marilena Gîlcă, Annamaria Katona, **Daniela Lixandru**, Bogdan Manolescu, Corina Muscurel, Liliana Pîslaru, Irina Stoian, Bogdana Vîrgolici. Editura Niculescu, București, **2006** (reeditată **2007-2018**)
6. **Biochimie medicală- Lucrări practice pentru FMAM** Busu C., Gaman L., **Lixandru D.**, Muscurel C., Panait E. Coordonatori Atanasiu V. și Stoian I. : Editura Universitară „Carol Davila”, București, **2010** (ISBN: 978-973-708-325-8)
7. **Biochimie medicală – Teste grilă pentru facultatea de moașe**. Coordonatori: Valeriu Atanasiu, Irina Stoian; Autori: Laura Gaman, Bogdan Manolescu, **Daniela Lixandru**, Carmina Bușu, Elena Panait; Editura Universitară Carol Davila, București, **2008** (ISBN: 978-973-708-321-0)

E) ARTICOLE ȘTIINȚIFICE ÎN REVISTE COTATE ISI (36)

Autor principal

- 1) Alina-Veronica Ghionescu, Andrei Sorop, Ekaterini Linioudaki, Cristin Coman, Lorand Savu, Marton Fogarași, **Daniela Lixandru***, Simona Olimpia Dima. **A predicted epithelial-to-mesenchymal transition-associated mRNA/miRNA axis contributes to the progression of diabetic liver disease**, Scientific Reports (Q1), 14:27678, 2024, FI=3.80 (*corespondent) <https://doi.org/10.1038/s41598-024-77416-4>
- 2) Adi Har-Zahav, **Daniela Lixandru***, David Cheishvili, Ioan Valentin Matei, Ioana Raluca Florea, Veronica Madalina Aspritoiu, Inna Blus-Kadosh, Irit Meivar-Levy, Andreea Madalina Serban, Irinel Popescu, Moshe Szyf, Sarah Ferber, Simona Olimpia Dima **The role of DNA Demethylation in Liver to Pancreas Transdifferentiation**, Stem Cell Research & Therapy (Q1) vol 13, article number: 476, 2022 FI=7.16 (*contributie egala si corespondent) <https://doi.org/10.1186/s13287-022-03159-6>
- 3) Maria Alexandra Angelescu, Octavian Andronic, Simona Olimpia Dima, Irinel Popescu, Irit Meivar-Levy, Sarah Ferber, **Daniela Lixandru*** **miRNAs as Biomarkers in Diabetes: Moving towards**

Precision Medicine Int. J. Mol. Sci. (Q1), 23 (21), 12843, 2022, FI=5.70 (*ultim si corespondent)
<https://doi.org/10.3390/ijms232112843>

4) Liviu Iosif, **Daniela Lixandru***, Laura Gaman, Mihaela Ilie, Bogdan Smeu, Diana Simona Stefan, Laura Petcu, Ariana Picu, Alina Constantin, Constantin Ionescu-Tîrgoviște, Cristian Guja, Cătălin Copăescu, Irina Stoian **Oxidative stress profile and type 2 diabetes remission at 6 months after sleeve gastrectomy versus**, Farmacia (Q4) vol 67, 1 <https://doi.org/10.31925/farmacia.2019.1.13>, 2019 IF=1.60 (*corespondent)

5) **D. Lixandru***, P. Alexandru, A. Mihai, A. Roșca, C. Ionescu-Tîrgoviște, L.I. Brașoveanu & B. Manuel-y-Keenoy **Decreased paraoxonase 2 enzymatic activity in monocyte/macrophages cells. A comparative in vivo and in vitro study for diabetes**, Free Radical Research (Q2), 51 (6), 1-12, 2017, IF=3.05 <https://doi.org/10.1080/10715762.2017.1344983> (*prim autor)

6) **Daniela Lixandru***, Liliana Moraru, Petruta Alexandru, Irina Stoian, Adelina Rosca, Mihaela Ghita, Constantin Caruntu, Ana Caruntu, Constantin Ionescu-Tîrgoviste, Cristian Guja **Implications of antioxidant enzyme paraoxonase 2 in insulin synthesis and secretion** REV.CHIM. (Bucharest) (Q3), 67, No. 11 , 2016 IF = 1.232 (*prim autor)

7) Andrada Mihai, **Daniela Lixandru***, Petruța Alexandru, Irina Stoian, Simona Carniciu, Manuela Mitu, Cristian Guja, Constantin Ionescu-Tîrgoviște **Negative association between paraoxonase 2, anthropometric markers and metabolic syndrome** Open Life Sci. (Q3) 10, 365-371, 2015, FI=1.04 (*corespondent)

8) **Daniela Lixandru***, Elena Violeta Băcanu, Bogdana Virgolici, Horia Virgolici, Alexandru Petruța, Marius Emil Băcanu, Paul Gagniuc, Constantin Ionescu-Tîrgoviște, Cristian Serafinceanu **Changes in the serum proinflammatory cytokines in patients with elevated HOMA-IR and type 2 diabetes mellitus** Farmacia, (Q4) vol 63 (1), pp. 132 -139, 2015 (FI = 1.005) (*prim autor)

9) E.V. Băcanu, **D. Lixandru***, C. Serafinceanu **The association between adipokines, insulin resistance markers and microalbuminuria in obese type 2 diabetic patients** Acta Endocrinologica (Buc) (Q4), vol. X, no. 2, p. 228-237, 2014 (IF = 0.72) (*corespondent)

10) Elena Violeta Bacanu, **Daniela Lixandru***, Irina Stoian, Bogdana Virgolici, Maria Mohora, Niculina Mitrea, Constantin Ionescu-Tîrgoviste – **Correlations between obesity antropometric markers, adipocytokines and monocytes oxidative stress status in type 2 diabetic patiens-** Farmacia (Q4), vol 60 (1), pp -21-32, 2012, FI = 0.57 (*corespondent)

11) **Daniela Lixandru***, Maria Mohora, Anca Coman, Irina Stoian, Carolien Van Gils, Petra Aerts, Begona Manuel-y-Keenoy – **Diet and paraoxonase 1 enzymatic activity in diabetic food patients from Romania and Belgium: favourable association of high flavonoid dietary intakes and arylesterase activity**, Annals of Nutrition and Metabolism (Q2), vol 56, no 4, pp 294-301, 2010 FI = 2.17 (*prim autor)

Co-autor

1) Constantinescu DR, Sorop A, Ghionescu AV, **Lixandru D**, Herlea V, Bacalbasa N, Dima SO. **EM-transcriptomic signature predicts drug response in advanced stages of high-grade serous ovarian carcinoma based on ascites-derived primary cultures**, Frontiers In Pharmacology (Q1), 15, 1-14, 2024, FI=4.32 DOI: 10.3389/fphar.2024.1363142

2) Bogdana Virgolici, Maria Zinaida Dobre, **Lixandru Daniela**, Laura Petcu, Ariana Picu, Constantin Ionescu-Targoviste, Maria Greabu, Elena Violeta Bacanu **The importance of the enzyme Gamma-glutamyltransferase in the pathogenic cluster in type2 diabetic patiens** Romanian Journal of Internal Medicine (Q3) 62 (2), 203-209, 2024, FI=1.60 DOI: <https://doi.org/10.2478/rjim-2024-0006>

3) Alexandru PR (Flintoaca), Chiritoiu GN, **Lixandru D**, Zurac S; Ionescu-TargovisteC, Petrescu SM. **EDEM1 regulates the insulin mRNA level by inhibiting the endoplasmic reticulum stress-induced IRE1/JNK/c-Jun pathway**, iScience (Q1) 26 (10), 1-18, 2023, FI=4.76, DOI: <https://doi.org/10.1016/j.isci.2023.107956>

- 4) Ioan Valentin Matei, Irit Meivar-Levy, **Daniela Lixandru**, Simona Dima, Ioana Raluca Florea, Veronica Madalina Ilie, Radu Albulescu, Irinel Popescu, Sarah Ferber „**The effect of liver donors’ age, gender and metabolic state on the transdifferentiation efficiency to endocrine pancreas**” Regenerative Medicine (Q3), 16(1):19-31, 2021; FI= 2.52; DOI: 10.2217/rme-2020-0092; <https://www.futuremedicine.com/doi/abs/10.2217/rme-2020-0092>
- 5) Razvan Iacob, Vlad Herlea, Lorand Savu, Raluca Florea, Veronica Ilie George Terinte-Balcan, Mihaela Gherghiceanu, Mihaela Uta, Codruta Popa, Speranta Iacob, Ioan Valentin Matei, Cerasela Jordan, **Daniela Lixandru**, Simona Dima, Irit Meivar-Levy, Sarah Ferber, Irinel Popescu „**Phenotypic assessment of liver-derived cell cultures during in-vitro expansion**” Regenerative Medicine (Q3);16(1):33-46, 2021; FI= 2.52; DOI: 10.2217/rme-2020-0093; <https://www.futuremedicine.com/doi/abs/10.2217/rme-2020-0093>
- 6) Radu Albulescu, Simona Olimpia Dima, Ioana Raluca Florea, **Daniela Lixandru**, Andreea Madalina Serban, Veronica Madalina Aspritoiu, Cristiana Tanase, Irinel Popescu, Sarah Ferber „**COVID-19 and diabetes mellitus: Unraveling the hypotheses that worsen the prognosis**” Experimental and Therapeutic Medicine (Q3) (Spandidos Publications), 20:194; 2020 FI=2.44; DOI:10.3892/etm.2020.9324; <https://www.spandidos-publications.com/10.3892/etm.2020.9324>
- 7) Ariana Picu, Laura Petcu, Diana Simona ,Stefan, Grat,iela Grădis,teanu Pîrcălăbîoru, Manuela Mitu, Daiana Bajko , **Daniela Lixandru** , Cristian Guja, Octavian Savu, Anca Pantea Stoian , Alina Constantin , Bogdan Smeu , Cătălin Copăescu, Mariana Carmen Chifiriuc, Elena Ionica and Constantin Ionescu-Tîrgoviște **Evolution of Inflammatory and Oxidative Stress Markers in Romanian Obese Male Patients with Type 2 Diabetes Mellitus after Laparoscopic Sleeve Gastrectomy: One Year Follow-Up** Metabolites (Q2), 10, 308; 2020, FI=4.932, doi:10.3390/metabo10080308
- 8) Ionescu AM, Ilie MA, Chitu V, Razvan A, **Lixandru D**, Tanase C, Boda D, Caruntu C, Zurac S. **In vivo Diagnosis of Primary Cutaneous Amyloidosis -the Role of Reflectance Confocal Microscopy.** Diagnostics (Basel) (Q1), 27;9(3), 2019, FI=2.48 doi: 10.3390/diagnostics9030066. <https://www.mdpi.com/2075-4418/9/3/66>
- 9) Ilie MA, Caruntu C, Lupu M, **Lixandru D**, Georgescu SR, Bastian A, Constantin C, Neagu M, Zurac SA, Boda D. **Current and future applications of confocal laser scanning microscopy imaging in skin oncology.** Oncology Letters (Q3) 2019;1-10. doi: 10.3892/ol.2019.10066. IF=1.87 <https://www.spandidos-publications.com/10.3892/ol.2019.10066>
- 10) Mihaela Adriana Ilie, Constantin Caruntu, **Daniela Lixandru**, Mircea Tampa, Simona-Roxana Georgescu, Maria-Magdalena Constantin, Carolina Constantin, Monica Neagu, Sabina Andrada Zurac and Daniel Boda **In vivo confocal laser scanning microscopy imaging of skin inflammation: Clinical applications and research directions (Review)** Experimental and Therapeutic Medicine (Q3), 2019, IF=1.448 DOI: 10.3892/etm.2018.6981; <https://www.spandidos-publications.com/etm/17/2/1004>
- 11) Stefan DS, Mihai A, Bajko D, **Lixandru D**, Petcu L, Picu A, Smeu B, Copăescu C, Ionescu-Tărgoviște C, Guja C **Comparison of Sleeve Gastrectomy and Conservatory Treatment Effect on Biochemical and Hormonal Profile of Obese Type 2 Diabetes Subjects: CREDOR Randomized Controlled Study Results** Rev Chem (Bucharest) (Q3) 68, 7, 2017 http://www.revistadechimie.ro/article_eng.asp?ID=5730 IF = 1.412
- 12) Laura Anca Popescu, Bogdana Virgolici, Daciana Costina Andrada Ștefan, **Daniela Lixandru**, Olivia Timnea, Horia Virgolici, Dumitru Oraseanu, Crina Dinescu, Maria Mohora **Vascular Reactivity and Proinflammatory Cytokines in the Obese Children**, Rev.Chem. (Bucharest) (Q3), 68, 4, 758-762, 2017 http://www.revistadechimie.ro/article_eng.asp?ID=5547 IF = 1.412
- 13) Mihaela Adriana Ghita, Constantin Caruntu, **Daniela Lixandru**, Adriana Pitea, Alexandra Batani, Daniel Boda **The Quest for Novel Biomarkers in Early Diagnosis of Diabetic Neuropathy**, Current Proteomics (Q4), 2017, 14, 1-14, IF = 0.56 DOI:10.2174/1570164614666161228122259,
- 14) Ariana Picu, Laura Petcu, Simona Stefan, Manuela Mitu, **Daniela Lixandru**, Constantin Ionescu-Tîrgoviste, Gratiela Grădisteanu Pîrcălăbîoru, Felicia Ciulu-Costinescu, Maria-Viorica Bubulica, Mariana Carmen Chifiriuc, **Markers of Oxidative Stress and Antioxidant Defense in Romanian Patients with**

Type 2 Diabetes Mellitus and Obesity Molecules (Q2) 2017, 22, 714; IF=3.098 doi:10.3390/molecules22050714

15) Maria Zinaida Constantinescu, Bogdana Virgolici, Daciana Costina Andrada Ștefan, Daniela Miricescu, **Daniela Lixandru**, Laura Popescu, Horia Virgolici, Elvira Gubceac, Maria Mohora **Maternal use of cod oil fish, nigella sativa oil and sea buckthorn fruit during pregnancy and lactation period have protective effects on offspring from high fat diet dams. a comparative study** REV.CHIM. (Bucharest) (Q3), 67, No. 11, 2016 IF = 1.232

16) Rodica Doros, **Daniela Lixandru**, Laura Petcu, Janeta Tudosoiu, Manuela Mitu, Ariana Picu, Constantin Ionescu-Tîrgoviste, Cristian Guja **Resting Metabolic rate in type 2 diabetes – Accuracy of predictive equations** Rom Biotech Letters (Q4) Vol. 22, No. 6, 2016, IF 0.39

17) Constantinescu, MZ; Virgolici, B; Stefan, DCA; Miricescu, D; **Lixandru, D**; Popescu, L; Virgolici, H; Gubceac; Mohora, M **Tissue Protective Effects of Three Supplements: Nigella Sativa Oil, Fish Oil and Sea Buckthorn Fruit, in High Caloric/High Fat Diet A comparative study** REV. CHEM (Q3), 67 (12), 2435-2439, 2016 FI=1.232

18) 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 Dis. Assoc. Disord.(Q3), Oct-Dec;28 (4):358-63., FI= 2.44, doi: 10.1097/WAD.000000000000026. 2014

19) Gilca M, Gaman L, **Lixandru D**, Stoian I. **Estimating the Yin-Yang nature of Western herbs: a potential tool based on antioxidation- oxidation theory**, Afr J Tradit Complement Altern Med (Q4)11 (3): 210-216. 2014, FI = 0.52

20) Caceaune Elena, **Lixandru Daniela**, Copaci Ionel, Caceaune Nicu, Constantin Ionescu-Tîrgoviste - **Proinsulin and adiponectin in patients with nonalcoholic fatty liver disease**, Farmacia (Q4), vol 62 (2), p.273-286; 2014, FI = 1.005

21) Elena Daniela Cășăriu, Bogdana Virgolici, **Daniela Lixandru**, Alexandra Totan, Daniela Miricescu, Maria Mohora, **Sea buckthorn pulp oil treatment prevents metabolic syndrome in hypertriglyceridemic waist fenotype obese children**, Farmacia (Q4), volume 61 (6), 1043-1053, ISSN 0014-8237; 2013, FI = 1.251

22) Laura Anca Popescu, Bogdana Virgolici, **Daniela Lixandru**, Daniela Miricescu, Elvira Condut, Olivia Timnea, E.E. Ranetti, Manuela Militaru, Maria Mohora, L. Zagrean **Effect of diet and omega-3 fatty acids in NAFLD** Romanian Journal of Morphology & Embryology (Q4) 54(3) (Suppl 3): 785-790, 2013, FI=0.723

23) Capusa C, Stoian I, Rus E, **Lixandru D**, Barbulescu C, Mircescu G: - **Does Dialysis Modality Influence the Oxidative Stress of Uremic Patients.** Kidney Blood Press Res (Q2); 35: pp 220-225; 2012, FI = 1.59 DOI: 10.1159/000331560

24) Virgolici B, Mohora M, Radoi V, **Lixandru D**, Stoian I, GamanL, Coman A, Greabu M, Manuel-y-keenoy B. - **Correlations between dysglycemia, markers of oxidative stress and inflammation in diabetic foot patients**, Farmacia (Q4) 59 (2): 216-227; 2011, FI = 0.669

25) Sfrent-Cornateanu R, Mihai C, Stoian I, **Lixandru D**, Bara C, Moldoveanu E. – **Antioxidant defence capacity in scleroderma patients** - Clin Chem Lab Med. (Q1); 46(6): 836-41. PMID: 18601607; 2008, FI = 2.069

Articole științifice în reviste cotate cncsis B+/PubMed/BDI (22)

1. Stefan, D. S. **Lixandru, D**, Bajko, D.; et al. **The evolution of resting metabolic rate and body composition after 6 and 12 months of lifestyle changes in obese type 2 diabetes patients** INTERDIAB 2017: Diabetes Mellitus in Internal Medicine, pg: 323-331 (*Proceedings Paper*), PubMed ISI fara FI
2. Diana Simona Stefan, Daiana Bajko, **Daniela Lixandru**, Laura Petcu, Ariana Picu, Bogdan Smeu, Catalin Copăescu, Constantin Ionescu-Tîrgoviște and Cristian Guja **The evolution of cardiovascular risk factors 6 months after the intensification of lifestyle changes in obese**,

- type 2 diabetes patients with an indication for metabolic surgery**, INTERDIAB 2016 Ed. Niculescu, pag 435-443: Diabetes Mellitus as Cardiovascular Disease (*Proceedings Paper*), PubMed ISI fara FI
3. Constantinescu MZ, Casariu EE, Popescu ÖA, Gagniuc E., **Lixandru D.**, Miricescu D., Vîrgolici H., Mitrea N., Mohora M., Vîrgolici B. **Sea buckthorn pulp oil or fresh fruit improve the metabolic profile and liver and pancreas histological aspect in a high fat diet mouse model**, INTERDIAB 2016, Diabetes mellitus as cardiovascular Disease, pg. 176-185, (*Proceedings Paper*), PubMed ISI fara FI
 4. B. Smeu, **D. Lixandru***, A. Roşca, I. Stoian, L. Gaman, S. Fica. C Ionescu-Tîrgovişte, C. Copaescu **Oxidative stress status and adipokines in obese patients prior to metabolic surgery**, *Archives of the Balkan Medical Union*, vol 51 (1), 9-11, 2016 (CNCSIS B+), (**corresponding author*)
 5. Elena Violeta Băcanu, Bogdana Vîrgolici, **Daniela Lixandru**, Horia Vîrgolici, Marius Emil Băcanu, Constantin Ionescu-Tîrgovişte **Correlation between early diabetic chronic kidney disease with inflammation and insulin resistance in obese patients**, International Conference on Interdisciplinary, INTERDIAB 2015, Editura Niculescu, Interdisciplinary Approaches in diabetes chronic kidney, pg. 98-107, 2015 (*Proceedings Paper*) (PubMed ISI fara FI)
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LUCRĂRI COMUNICATE CU REZUMATUL PUBLICAT ÎN VOLUMUL CONFERINȚELOR INTERNAȚIONALE

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