Lista lucrări Edward SECLAMAN

1. **Paunescu IA, Bardan R, Marcu A, Nitusca D, Dema A, Negru S, Balacescu O, Balacescu L, Cumpanas A, Sirbu IO, Petrut B, Seclaman E, Marian C. Biomarker potential of plasma microRNA-150-5p in prostate cancer. *Medicina (Kaunas)*. 2019;55(9):564. doi: 10.3390/medicina55090564. (corespondent) IF=1.467**

2. **Gencia I, Baderca F, Avram S, Gogulescu A, Marcu A, Seclaman E, Marian C, Solovan C. A preliminary study of microRNA expression in different types of primary melanoma: MiRNA expression in primary melanoma. *Bosn J of Basic Med Sci*. 2019Aug.27. doi: 10.17305/bjbms.2019.4271. (corespondent) IF=1.458**

3. **Seclaman E, Balacescu L, Balacescu O, Bejinar C, Udrescu M, Marian C, Sirbu IO, Anghel A. MicroRNAs mediate liver transcriptome changes upon soy diet intervention in mice. *J Cell Mol Med*. 2019 Mar;23(3):2263-2267. doi: 10.1111/jcmm.14140. IF= 4.658**

4. **Seclaman E, Narita D, Anghel A, Cireap N, Ilina R, Sirbu IO, Marian C. MicroRNA expression in laser micro-dissected breast cancer tissue samples – a pilot study. *Pathol Oncol Res.* 2019;25(1):233. doi:10.1007/s12253-017-0343-y. IF=2.433**

5. **Seclaman E, Bora A, Avram S, Simon Z, Kurunczi L. MTD-PLS and docking study for a series of substituted 2-phenylindole derivatives with oestrogenic activity. *Chemical Papers*, 2011;65(4): 566–576. doi: 10.2478/s11696-011-0040-3. IF=1.096**

6. **Samoila OC, Carter AM, Futers ST, Otiman G, Anghel A, Tamas L, Seclaman E. Polymorphic variants of extracellular superoxide dismutase gene in a Romanian population with atheroma. Biochem Genet. 2008 Oct;46(9-10):634-43. doi: 10.1007/s10528-008-9177-3. IF=0.75**

7. **Dehelean CA, Soica C, Peev C, Gruia AT, Seclaman E. Physico-chemical and molecular analysis of antitumoral pentacyclic triterpenes in complexation with gamma-cyclodextrin. *Rev Chim*. 2008; 59 (8), 887-890. IF=0.389**

8. **Kurunczi L, Funar-Timofei S, Bora A, Seclaman E. Application of the MTD-PLS method to heterocyclic dye-cellulose interactions. *Int J Quantum Chem*, 2007;107, 2057–2065. doi: 10.1002/qua.21384. IF=1.368**

9. **Seclaman E, Kurunczi L, Simon Z. "False" thymine-1H-Enol guanine base pair. low misinsertion rate by DNA polymerase explained by computational**

chemistry consideration. *Biochemistry (Mosc)*. 2007;72(3):328-31. doi: 10.1134/s000629790703011x. IF=1.476

10. **Seclaman E, Sallo A, Elenes F, Crasmareanu C, Wikete C, Timofei S, Simon Z. Hydrophobicity, protolytic equilibrium and chromatographic behaviour of some monoazoic dyes. *Dyes and Pigments.* 2002; 55(2-3):69-77. doi: 10.1016/S0143-7208(02)00106-7. IF=0.883**

11. **Balacescu O, Petrut B, Tudoran O, Feflea D, Balacescu L, Anghel A, Sirbu IO, Seclaman E, Marian C. Urinary microRNAs for prostate cancer diagnosis, prognosis, and treatment response: are we there yet?. *Wiley Interdiscip Rev RNA*. 2017;8(6). doi: 10.1002/wrna.1438 2020. IF=5.844**

12. **Enatescu VR, Papava I, Enatescu I, Antonescu M, Anghel A, Seclaman E, Sirbu IO, Marian C. Circulating plasma micro RNAs in patients with major depressive disorder treated with antidepressants: a pilot study. *Psychiatry Investig*. 2016;13(5):549-557. doi: 10.4306/pi.2016.13.5. IF=1.406**

13. **Narita D, Seclaman E, Anghel A, Ilina R, Cireap N, Negru S, Sirbu IO, Ursoniu S, Marian C. Altered levels of plasma chemokines in breast cancer and their association with clinical and pathological characteristics. *Neoplasma.* 2016;63(1):141-149. doi: 10.4149/neo_2016_017. IF=1.871**

14. **Licker M, Anghel A, Moldovan R, Hogea E, Muntean D, Horhat F, Seclaman E, Tamas L, Anghel M, Baditoiu L. Genotype-phenotype correlation in multiresistant Escherichia coli and Klebsiella pneumoniae strains isolated in Western Romania. Eur Rev Med Pharmacol Sci. 2015;19(10):1888-94. IF=1.575**

15. **Anghel A, Enache A, Seclaman E, Gruin G, Ursoniu S, Alexa A, Antonescu M, Marian C. Genetic polymorphism data on 15 autosomal STR markers in a Western Romanian population sample. *Leg Med (Tokyo).* 2014;16(4):238-40. doi:0.1016/j.legalmed.2014.04.001. IF=1.238**

16. **Narita D, Seclaman E, Ursoniu S, Anghel A. Increased expression of ADAM12 and ADAM17 genes in laser-capture microdissected breast cancers and correlations with clinical and pathological characteristics. Acta Histochem. 2012;114(2):131-9. doi: 10.1016/j.acthis.2011.03.009. IF=1.347**

17. **Narita D, Seclaman E, Ilina R, Cireap N, Ursoniu S, Anghel A. ADAM12 and ADAM17 gene expression in laser-capture microdissected and non-microdissected breast tumors. Pathol Oncol Res. 2011;17(2):375-85. doi: 10.1007/s12253-010-9336-9. IF=1.96**

18. **Avram S, Pacureanu LM, Seclaman E, Bora A, Kurunczi L. PLS-DA - Docking Optimized Combined Energetic Terms (PLSDA-DOCET) protocol: a brief evaluation. *J Chem Inf Model*. 2011;51(12):3169-79. doi: 10.1021/ci2002268. IF=4.675**

19. **Anghel A, Raica M, Narita D, Seclaman E, Nicola T, Ursoniu S, Anghel M, Popovici E. Estrogen receptor alpha polymorphisms: correlation with clinicopathological parameters in breast cancer. Neoplasma. 2010;57(4):306-15. IF=1.449**

20. **Anghel A, Narita D, Seclaman E, Popovici E, Anghel M, Tamas L. Estrogen receptor alpha polymorphisms and the risk of malignancies. Pathol Oncol Res. 2010;16(4):485-96. doi: 10.1007/s12253-010-9263-9. IF=0.90**

21. **Auvynet C, Topalis D, Caillat C, Munier-Lehmann H, Seclaman E, Balzarini J, Agrofoglio LA, Kaminski PA, Meyer P, Deville-Bonne D, El Amri C. Phosphorylation of dGMP analogs by vaccinia virus TMP kinase and human GMP kinase. *Biochem Biophys Res Commun*. 2009;388(1):6-11. doi: 10.1016/j.bbrc.2009.07.089. IF=2.548**

22. **Hible G, Christova P, Renault L, Seclaman E, Thompson A, Girard E, Munier-Lehmann H, Cherfils J. Unique GMP-binding site in Mycobacterium tuberculosis guanosine monophosphate kinase. *Proteins*. 2006;62(2):489-500. doi: 10.1002/prot.20662 IF=3.730**

23. **Kurunczi L, Seclaman E, Oprea TI, Crisan L, Simon Z. MTD-PLS: a PLS variant of the minimal topologic difference method. III. Mapping interactions between estradiol derivatives and the alpha estrogenic receptor. *J Chem Inf Model.* 2005;45(5):1275-81. doi: 10.1021/ci050077c. IF=2.923**

24. **Gallois-Montbrun S, Faraj A, Seclaman E, Sommadossi JP, Deville-Bonne D, Véron M. Broad specificity of human phosphoglycerate kinase for antiviral nucleoside analogs. *Biochem Pharmacol.* 2004;68(9):1749-56. doi: 10.1016/j.bcp.2004.06.012. IF=3.436**