**Chiș Aimée Rodica - Lista lucrărilor publicate**

**1. Teza de doctorat**

"Folosirea rețelelor complexe în investigarea bolii Parkinson prin analiza miR-19b și repoziționarea medicamentelor", Coordonator stiintific Prof.univ.dr. Ovidiu Sirbu, UMF "Victor Babes", Timisoara

**2. Cărți de specialiate**

* Andrei Anghel, Adriana Kaycsa, Liviu Tămaş, Alina Georgescu, Anca Marcu, Ramona Buzatu, Adrian Mihala, Maria Sala- Cîrtog, Alexandra Moatăr, **Aimee Chiş**, Lucrări practice de biochimie farmaceutică, Ed. Victor Babeş, 2019, 351 pagini, ISBN 978- 606-786-148-8.

**3. Capitole in volume colective (membru colectiv autori)**

* Danciu C, Antal DS, Ardelean F, **Chiş AR**, Şoica C, Andrica F, Dehelean C. *New Insights Regarding the Potential Health Benefits of Isoflavones*. In: „Flavonoids – From Biosynthesis to Human Health”, Justino J (editor), InTech, 2017, 29 pag, ISBN 978-953-51-3424-4, 482 pagini, Print ISBN 978-953-51-3423-7, DOI: 10.5772/67896

**4. Articole publicate in-extenso**

**a) Articole in reviste cotate ISI cu factor de impact**

* Milcu AI, Anghel FM, Romanescu M, **Chis AR**, Anghel A, Boruga O. Plasma miR-19b, miR-34a, and miR-146a expression in patients with type 2 diabetes mellitus and cataract: A pilot study. Biomolecules and Biomedicine. 2023 Nov 28.; https://doi.org/10.17305/bb.2023.9933; IF=3,4
* Maries L, Moatar AI, Sala-Cirtog M, Sima L, Anghel A, Marian C, **Chis AR**, Sirbu IO, Clinical Variables Influence the Ability of miR-101, miR-150, and miR-21 to Predict Ventricular Remodeling after ST-Elevation Myocardial Infarction, Biomedicines 2023, 11, 2738. https://doi.org/10.3390/biomedicines11102738; IF=4,757 – autor corespondent
* Moatar AI, **Chis AR**, Romanescu M, Ciordas PD, Nitusca D, Marian C, Oancea C, Sirbu IO, Plasma miR-195-5p predicts the severity of Covid-19 in hospitalized patients, Scientific Reports 2023; 13 (1), 13806; https://doi.org/10.1038/s41598-023-40754-w; IF=4,6
* Maries L, Moatar AI, **Chis AR**, Marian C, Luca CT, Sirbu IO, Gaiță D, Plasma hsa-miR-22-3p Might Serve as an Early Predictor of Ventricular Function Recovery after ST-Elevation Acute Myocardial Infarction, Biomedicines. 2023; 11 (8): 2289; https://doi.org/10.3390/biomedicines11082289; IF=4,757
* Capraru ID, Romanescu M, Anghel FM, Oancea C, Marian C, Sirbu IO, **Chis AR**, Ciordas PD. Identification of Genomic Variants of SARS-CoV-2 Using Nanopore Sequencing. Medicina. 2022 Dec;58(12):1841. https://doi.org/10.3390/medicina58121841; IF=2,948 – autor corespondent
* Moatar AI, **Chis AR**, Marian C, Sirbu IO. Gene Network Analysis of the Transcriptome Impact of SARS-CoV-2 Interacting MicroRNAs in COVID-19 Disease. International journal of molecular sciences. 2022 Jan;23(16):9239. https://doi.org/10.3390/ijms23169239; IF:6,208
* **Chis AR**, Moatar AI, Dijmarescu C, Rosca C, Vorovenci RJ, Krabbendam I, Dolga A, Bejinar C, Marian C, Sirbu IO and Simu M. Plasma hsa-mir-19b is a potential LevoDopa therapy marker. Journal of Cellular and Molecular Medicine. 2021; 25(18):8715-24; FI=5,310; doi.org/10.1111/jcmm.16827;
* Udrescu L, Bogdan P, **Chiş A**, Sîrbu IO, Topîrceanu A, Văruţ RM, Udrescu M. Uncovering New Drug Properties in Target- Based Drug-Drug Similarity Networks. Pharmaceutics. 2020 Sep 16;12(9):E879.; FI: 6,32; doi.org/10.3390/pharmaceutics12090879. PMID: 32947845;
* Sirbu IO, **Chiş AR**, Moise, AR. Role of carotenoids and retinoids during heart development. *Biochimica et Biophysica Acta (BBA)-Molecular and Cell Biology of Lipids*. 2020. 1865 (11) 158636; FI: 4,698; doi.org/10.1016/j.bbalip.2020.158636;
* Antal DS, Ardelean F, **Chis AR**, Ollivier E, Serban MC. Nanoscale delivery systems: actual and potential applications in the natural products industry, Curr Pharm Des. 2017;23:2414–2421.; FI: 2,757; doi.org/10.2174/1381612823666170220155540;

**b) Articole in reviste indexate BDI**

* **Chiș AR,** Muntean PD, Moatăr AI, Oancea C, Crețu OM, Sîrbu IO. SARS-CoV-2 Identification Using Colorimetric Loop-Mediated Isothermal Amplification. Timisoara Med. 2022 Feb;2022(1):0-. doi:10.35995/tmj20220101
* **Chiș AR**, Moatăr AI, Sîrbu IO. A Disease in Search for a Biomarker: MicroRNAs in Parkinson’s Disease. *Timisoara Medical Journal*. 2021, 2021(1):2. ISSN:1583-526X, doi: 10.35995/tmj20210102

**5. Lucrări/studii publicate in rezumat**

* Udrescu L, Topîrceanu A, Ardelean S, **Chiș A**, Suciu L, Grec S, Udrescu M, Unraveling drug-drug interaction prediction: improving patient safety through complex network analysis, Congresul National de Farmacie, Editia a XIX-a, Cluj-Napoca, 27-29 September 2023, ISBN 978-606-075-203-5
* Moatăr AI, **Chis AR**, Nitusca D, Marian C, Oancea C and Sirbu IO, Altered expression of microRNA-195 might contribute to a severe outcome in SARS-CoV-2 infection, The Annual International Conference of RSBMB, Cluj-Napoca 13-15 September 2023, ISSN (online): 2065-9512
* Ciordas PD, Romanescu M, **Chis AR**, MarianC and Sirbu IO, Absolute and relative expression analysis of plasma microRNAs in patients with prostate cancer – a comparison, The Annual International Conference of RSBMB, Cluj-Napoca 13-15 September 2023, ISSN (online): 2065-9512
* Romanescu M, Butoi I, **Chis AR**, Ciordas PD, Olteanu E, Vilcu P, Sirbu IO, Nanopore-based metagenomics for diagnostic and therapy refinement in a case of acute canine pancreatitis, RoBioinfo Conference 2023,Bucharest,11-13.05.23;ISBN 978-606-28-1617-9
* Ciordas PD, Capraru ID, Romanescu M, Anghel FM, Oancea C, Marian C, Sirbu IO, **Chis AR**, SARS-CoV-2 Genomic Variants Identification by Using Nanopore, RoBioinfo Conference 2023, Bucharest, 11-13.05.2023; ISBN 978-606-28-1617-9
* **Chis AR**, Moatar A#, Udrescu M, Isvoranu G, Badea R, Cismasiu V, Szedlacsek S, Sirbu IO, "Time dependent expression of mmu-mir-195 in mouse heart", 4th Danube Conference on Epigenetics, Budapest, 18-21 October 2022, P-11
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* **Chiș AR**, Ardelean F, Antal DS, „Amentoflavone: a versatile natural compound with anti-inflammatory and anti-proliferative activity”, Phytocompounds and extracts from biodiversity: scaffolds for new products with anti-inflammatory and chemopreventive activity, Abstracts of the international workshop of the Romanian-French bilateral project PN II-CT- 789/30.06.2014, 23.11.2016, p.22; ISBN 978-606-786-024-5
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