

PERSONAL INFORMATION

Adela Chirita-Emandi

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Gender Female | Birth date 03.08.1982 | Nationality Romanian

ORCID <https://orcid.org/0000-0001-7554-4625>



PROFESSIONAL EXPERIENCE

Academic

- 10.2024-present **University Professor Genetics Department - Department II Microscopic Morphology**
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
[Teaching and research activities](#)
- 10.2023-present **Doctor habilitatus in the Doctoral School of University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania**
[Research activities](#)
- 10.2022-09.2024 Associate Professor Genetics Department - Department II Microscopic Morphology
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
[Teaching and research activities](#)
- 02.2021-09.2022 Lecturer Genetics Department - Department II Microscopic Morphology
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
[Teaching and research activities](#)
- 01.2018 - 2.2025 Lecturer Course and practical applications OMICS Bioinformatics Master (West University)
- 01.2017- present Researcher at Center of Genomic Medicine - <http://genomica.umft.ro/>
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
[Research activities in Genomics and other OMICS](#)
- 05.2014-10.2015 Post-doc project POSDRU
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
[Research activities in genetics of childhood obesity](#)
- 02.2013-01.2021 Assistant Professor Genetics Department - Department II Microscopic Morphology
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
[Teaching and research activities](#)
- 01.2009-06.2013 PhD-Diploma Doctor Summa Cum Laude 20.06.2013
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
Thesis title: Epidemiology and new treatment options in childhood obesity management
Coordinator Prof Puiu Maria
[Research activities in childhood obesity](#)

PROFESSIONAL EXPERIENCE

Medical

- 05.12.2024-present Coordinator of the Regional Center for Rare Diseases Timis in the Clinical Emergency Hospital for Children "Louis Țurcanu" Timișoara, Romania, part of European Reference Network for Rare Diseases ERN ITHACA
- 02.12.2024-present Appointed member of the National Council for Rare Diseases from Ministry of Health Romania since 02.12.2024.
- 25.10.2024-present Appointed member in the Ethics committee in the Clinical Emergency Hospital for Children "Louis Țurcanu" Timișoara, Romania
- 10.2023 - present Consultant in Medical Genetics in the Regional Center for Rare Diseases Timis in the Clinical Emergency Hospital for Children "Louis Țurcanu" Timișoara, Romania, part of European Reference Network for Rare Diseases ERN ITHACA
- 09.2021 - present Consultant in Pediatrics
- 01.2020 - present Consultant in Medical Genetics in the Center for Rare Eye Diseases (voluntary work) in the Emergency Clinical County Hospital Timișoara, Romania, part of European Reference Network for Rare Diseases EYE ERN (since 2022)
- 12.2018 – 10.2021 Specialist in Medical Genetics in the Regional Center for Rare Diseases Timis from the Clinical Emergency Hospital for Children "Louis Țurcanu" Timișoara, Romania, part of European Reference Network for rare Diseases ERN ITHACA (since 2017)
- 08.2015-05.2018 Second Specialty in Medical Genetics
Clinical Emergency Hospital for Children "Louis Țurcanu" Timișoara, Romania

01.2008-06.2013 **Pediatrics specialty**
Training in Clinical Emergency Hospital for Children "Louis Turcanu" Timișoara

EDUCATION AND TRAINING

2001-2007 **Doctor**
University of Medicine and Pharmacy "Victor Babes" Timișoara General medicine

1998-2001 **Bachelors**
National College "Constantin Diaconovici Loga" Timisoara Mathematics physics

ABILITIES

Native	Romanian				
Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Conversation	Speech	
	English	C2	C2	C2	C2
	French	B1	B1	A2	A1

Levels A1 / 2: Basic user - B1 / 2: Independent user - C1 / 2: Proficient

Computer abilities and Statistics Biostatistics, SPSS professional

Other abilities Determined, ambitious, adaptable
Volunteer activity and volunteer coordinator (training a group of volunteers, students from the Faculty of Medicine). Management abilities and skills in writing and coordinating research projects

OTHER INFORMATION

Publications Author of 25 articles published in ISI journals as main author and other 46 as coauthor (including The Lancet and Nature) and other papers in national and international journals, multiple book chapters (2 in international publishers), several abstracts published in numerous medical conferences nationally and internationally. H-index WOS=18

- Grant PROJECTS
- Partner Coordinator P13** (UMFTimisoara) project code SMIS 324809 ROGEN, Funding source: European Regional Development Fund, Call: Health Program Call code: PS/272/PS_P5/OP1/RSO1.1/PS_P5_RSO1.1_A9, Call: Support for the implementation of research solutions of strategic importance in the medical field: genomics; non-communicable diseases (e.g. development of research solutions for treating cancers); vaccines, serums and other biological drugs, Total budget (broken down by funding sources): 422,304,303.91 RON, (17.12.2024 - 17.12.2029), <https://rogen.umfcd.ro/>
 - Project member code 63PCE/08.01.2025 DEMO-Cardio, as scientific researcher I; Ctr.nr. 63PCE/28.01.2025 (DEMO-Cardio), entitled: Development of diagnostic and risk stratification tools assisted by artificial intelligence in genetic dilated cardiomyopathy in young people (DEMO-Cardio)" UEFSCDI PNCDI IV Program - Program 5.1 - Ideas (PCE2023) (17.03.2025-31.12.2027)
 - Partner Coordinator P1**-Project Extending medical and community services for people affected by genetic and rare diseases MEDI.COM-RARE, AP1.51 Challenges in public health at European level financed by the EEA Financial Mechanism 2014-2021. Call: Improving access to health services especially for vulnerable groups, including Roma
 - Project Director** internal competition 2019 5POSTDOC - Role of Genome sequencing in diagnostics of primary immunodeficiencies and rare cancers. Project acronym: ImmunoGenomes (01.2020-01.2022)
 - Horizon 2020 Grant Agreement number: 774548 - STOP Science and Technology in childhood Obesity Policy, Call: H2020-SFS-2016-2017, Topic: SFS-39-2017, Type of Action: Research Innovation Action (2018-2022) (**Partner Coordinator** since September 2019)
 - Human Capital Operational Program Priority Axis 4. Social inclusion and fight against poverty Objective 4.8. Improving the level of competencies of the medical professionals, Title "Professional Development of Healthcare Staff in Romania in Medical Genetics - PROGEN - SMIS 107623" (12.2017-12.2019) (project member)
 - Competitiveness Operational Programme 2014-2020; priority axis 1 – Research, technological

development and innovation (RD&I) to support economic competitiveness and business development action 1.1.4 Attracting high-level personnel from abroad in order to enhance the RD capacity; Title: Use of nutrigenomic models for the personalized treatment with medical foods in obese people (NutriGen) (2016-2019) (project member)

8. Internal Competition University of Medicine and Pharmacy "Victor Babes"; Projects for young researchers; Program II-C4-TC-2016 Genomic prediction models for risk of insulin resistance in children with obesity (2016-2017) (**project director**)
9. Post doctoral fellow in the Project POSDRU/159/1.5/S/136893 Strategic Partnership to increase the quality of scientific research in medical universities through doctoral and post doctoral fellowships (2014-2015)
10. Clinical Correlations, genetic and epigenetic aspects involved in the etiology syndromes Prader Willi / Angelman: Model multidisciplinary approach to rare diseases in Romania. CNMP Project Partnerships, Contract 41 113, 2009-2011 (project member)
11. NoRo Project - funded by Innovation Norway, RPWA partners, University of Medicine and Pharmacy Timisoara, Ministry of Health 2008-2011 (project member)

Awards

Diploma of excellence for the activity in the field of medical genetics at the national contest "Young researchers in science and engineering Rada Mihalcea" 3rd edition, July 21, 2017 Cluj Napoca

Patents

Adela Chiriță-Emandi, Mihai Niculescu, Maria Puiu, Nicoleta Ioana Andreescu, Cristian G. Zimbru. Title "Genomic method to identify patients who would respond favorably to hypolipidemic treatment –approved by State Office for Inventions and Trademarks (invention section) approved no 8/2021. 57.

Fellowships and travel grants

1. ERN-EYE Workshop 10-12 October 2018 Florence, Italy
2. Course Clinical Cytogenetics, Aug.26th to Sep.2nd, 2017 Goldrain, Italy
3. ESPE Early Career Scientific Development Award 2016 (Institut Pasteur Paris)
4. ESPE Clinical fellowship June- September 2013 University of Glasgow, Scotland
5. 2nd Training School DSDnet 6-8 Oct 2016 Bologna
6. ESPE Conference 9-12 September 2016
7. European Obesity Summit 2016 Gothenburg 1-4 June 2016
8. ESHG Manchester Dismorphology Course 19-21 April 2016
9. ESPE Summer School 28-30 September 2015 Barcelona
10. ESPE Science School Annecy France 6-9 June 2015
11. SCOPE Obesity School London 27-28 October 2014
12. European Obesity Conference ECO Lyon, France 9-12 May 2012
13. European Human Genetics Conference ESHG Amsterdam -ESHG 12-15 June 2011
14. European Obesity Conference ECO 25-28 May 2011, Istanbul Turkey,
15. International Diabetes Conference IDF 4-8 December 2011- Dubai, IDF 2011
16. ORPHEUS Viena 8-10 April 2010: Orpheus Fifth European Conference

Member in Medical Societies

1. **Romanian Society of Medical Genetics – Secretary general** (2014-2018), Vice-president (2018-present)
2. European Society of Medical Genetics ESHG
3. European Society of Pediatric Endocrinology ESPE
4. Romanian Association for the Study of Obesity-ARSO

Courses

1. Quality assurance, variant interpretation and data management in the NGS diagnostic era, Leuven 23-25 October 2019
2. Course HGVS (Human Genome Variation Society) 15 June 2018, Milan, Italy,
3. Course Clinical Cytogenetics, Aug.26th to Sep.2nd, 2017 Goldrain, Italy
4. Course EXPERT structural funds and European cohesion organized by DCG Development Group consultant for Diploma Series L No. 00.05007 million /17 June 2016
5. Good Clinical Practice -NHS Greater Glasgow & Clyde -19 September 2013
6. Pain assessment and management for children-internet 1-5 February 2012
7. Neurofeedback Course (Munich 2010)
- 8.

Reference

1. **Prof. Dr. Puiu Maria**
Genomics Research and Development Institute Bucharest,
email maria_puiu@umft.ro
2. **Prof. Dr. Kenneth McElreavey**
Human Developmental Genetics, Institut Pasteur, 25-28 Rue du Dr Roux, 75015 Paris, France, email kenneth.mcelreavey@pasteur.fr

PUBLICATION LIST

- I. Chirita Emandi Adela - PhD thesis at University of Medicine and Pharmacy "Victor Babes" Timișoara; Title: Epidemiology and new treatment options in childhood obesity management (2013)
- II. Articles

First/last author-articles WOS/Clarivate

 1. Pantea CL, Bataneant M, Zimbru CG, Dragulescu B, Munteanu CV, **Chirita-Emandi A. Genetic landscape of Romanian children with inborn errors of immunity via gene panels, exome, and genome sequencing.** Sci Rep. 2025 May 29;15(1):18830. doi: 10.1038/s41598-025-03492-9. **IF3.8 Q1**
 2. Serban Costela Lacrimioara , Mihailescu Alexandra , Miclea Diana , Zimbru Cristian G. , Stoica Florina , **Chirita-Emandi Adela, Case Report: A neurodevelopmental disorder with global developmental delay, microcephaly, eye anomalies, sweat dysregulation, and skeletal implications due to an ultra-rare de novo 5q14.3q15 copy number gain,** Frontiers in Genetics, Volume 16 – 2025, 10.3389/fgene.2025.1549685. **IF=2.8**
 3. Sabau, Iulia Maria, Iuliu Stefan Bacos-Cosma, Ioana Streata, Bogdan Dragulescu, Maria Puiu, and **Adela Chirita-Emandi.** 2025. **"Impact of Genetic Testing Using Gene Panels, Exomes, and Genome Sequencing in Romanian Children with Epilepsy"** International Journal of Molecular Sciences 26, no. 10: 4843. <https://doi.org/10.3390/ijms26104843>, **IF4.9**
 4. Voinescu OR, Ionac A, Sosdean R, Ionac I, Ana LS, Kundnani NR, Morariu S, Puiu M, Chirita-Emandi A. **Genotype-Phenotype Insights of Inherited Cardiomyopathies-A Review.** Medicina (Kaunas). 2024 Mar 27;60(4):543. doi: 10.3390/medicina60040543. PMID: 38674189; PMCID: PMC11052121. **IF=2.6**
 5. Voinescu, Oana Raluca, Bogdana Ioana Ionescu, Sebastian Militaru, Andreea Sorina Afana, Radu Sascau, Laura Vasiliu, Sebastian Onciul, Mihaela Amelia Dobrescu, Ramona Alina Cozlac, Dragos Cozma, and et al. 2024. **"Genetic Characterization of Dilated Cardiomyopathy in Romanian Adult Patients"** International Journal of Molecular Sciences 25, no. 5: 2562. <https://doi.org/10.3390/ijms25052562> **IF=5.6**
 6. Olteanu, Emilian-Gheorghe, Mihaela Bataneant, Maria Puiu, and Adela Chirita-Emandi. 2023. **"When Mast Cells Run Amok: A Comprehensive Review and Case Study on Severe Neonatal Diffuse Cutaneous Mastocytosis"** Genes 14, no. 11: 2021. <https://doi.org/10.3390/genes14112021>, **IF=3.5**
 7. Chirita-Emandi A, Petrescu C-A-M, Zimbru CG, Stoica F, Marian C, Ciubotaru A, Bataneant M and Puiu M, **Case Report: Novel Biallelic Variants in DNAJC21 Causing an Inherited Bone Marrow Failure Spectrum Phenotype: An Odyssey to Diagnosis.** Frontiers in Genetics, 8.April.2022, 13:870233. doi: 10.3389/fgene.2022.870233, **IF=3.7**
 8. Serban, Costela L., Adela Chirita-Emandi*, Iulia T. Perva, Alexandra Sima, Nicoleta Andreescu, Salomeia Putnoky, Mihai D. Niculescu, and Maria Puiu. 2022. **"Intake Differences between Subsequent 24-h Dietary Recalls Create Significant Reporting Bias in Adults with Obesity"** Applied Sciences 12, no. 5: 2728. <https://doi.org/10.3390/app12052728>, * corresponding author, **IF=2.7**
 9. Serban Costela Lacrimioara, Putnoky Salomeia, Ek Anna, Eli Karin, Nowicka Paulina, **Chirita-Emandi Adela. Making Childhood Obesity a Priority: A Qualitative Study of Healthcare Professionals' Perspectives on Facilitating Communication and Improving Treatment;** Frontiers in Public Health, June, 2021, 9, 982, DOI=10.3389/fpubh.2021.652491, ISSN=2296-2565. **IF=6,461**
 10. Olariu Ioana-Cristina, Popoiu Anca, Ardelean Andrada-Mara, Isac Raluca, Stelea Ruxandra Maria, Olariu Tudor, **Chirita-Emandi Adela***, Stroescu Ramona, Gafencu Mihai, Doros Gabriela; **Challenges in the Surgical Treatment of Atrioventricular Septal Defect in Children With and Without Down Syndrome in Romania-A Developing Country;** Frontiers in Pediatrics, 2021,663; 10.3389/fped.2021.612644,2296-2360, **IF=3.569**, *corresponding author
 11. **Chirita-Emandi A**, Serban CL, Paul C, Andreescu N, Velea I, Mihailescu A, Serafim V, Tiugan DA, Tutac P, Zimbru C, Puiu M, Niculescu MD. CHDH-PNPLA3 Gene–Gene Interactions Predict Insulin Resistance in Children with Obesity. Diabetes Metab Syndr Obes. 2020;13:4483-4494, <https://doi.org/10.2147/DMSO.S277268>, **IF= 3.168**
 12. **Chirita-Emandi A**, Andreescu N, Popa C, Mihailescu A, Riza AL, Plesea R, Ioana M, Arghirescu S, Puiu M. **Biallelic variants in BRCA1 gene cause a recognisable phenotype within chromosomal instability syndromes reframed as BRCA1 deficiency.** J Med Genet. 2021 Sep;58(9):648-652. doi: 10.1136/jmedgenet-2020-107198. Epub 2020 Aug 25. PMID: 32843487; PMCID: PMC8394758.. **IF=6.318**
 13. **Chirita-Emandi, A.,** Andreescu, N., Zimbru, C.G. Paul Tutac, Smaranda Arghirescu, Margit Serban, Maria Puiu. **Challenges in reporting pathogenic/potentially pathogenic variants in 94 cancer predisposing genes - in pediatric patients screened with NGS panels.** Sci Rep 10, 223 (2020) doi:10.1038/s41598-019-57080-9. **IF=4,380**
 14. Vlad Serafim†, **Adela Chirita-Emandi†**, Nicoleta Andreescu*, Diana-Andreea Tiugan, Paul Tutac, Corina Paul, Iulian Velea, Alexandra Mihailescu, Costela Lăcrimioara Șerban, Cristian G. Zimbru, Maria Puiu, Mihai Dinu Niculescu; **Single Nucleotide Polymorphisms in PEMT and MTHFR Genes are Associated with Omega 3 and 6 Fatty Acid Levels in the Red Blood Cells of Children with Obesity,** Nutrients 2019, 11(11), 2600; p 1-14; <https://doi.org/10.3390/nu11112600> († =equal contribution) **IF=4.546**
 15. **Adela Chirita Emandi**, Andreea Dobrescu, Gabriela Doros, Capucine Hyon, Diana Miclea, Calin Popoiu, Maria Puiu, Smaranda Arghirescu, **3q29 Deletion Syndrome – refining the phenotype from a case report,** Front. Pediatr. 8 July 2019, 7(270):1-7, doi: 10.3389/fped.2019.00270 (**IF=2.634**), **SRI=1.421**
 16. **Adela Chirita-Emandi**, Diana Munteanu, Nicoleta Andreescu, Paul Tutac, Corina Paul, Iulian Puiu Velea, Agneta Maria Pusztai, Victoria Hlistun, Chiril Boiciuc, Victoria Sacara, Lorina Vudu, Natalia Usurelu and Maria Puiu, **No clinical utility of common polymorphisms in IGF1, IRS1, GCKR, PPARG, GCK1 and KCTD1 genes previously associated with insulin resistance in overweight children from Romania and Moldova,** J Pediatr Endocrinol Metab 2019; 32(1): 33–39 (**IF=1,239**) **SRI=0.510**
 17. Stoica F, **Chirita-Emandi A**, Andreescu N, Stanciu A, Zimbru CG, Puiu M. **Clinical relevance of retinal structure in children with laser-treated retinopathy of prematurity versus controls - using optical coherence tomography.** Acta Ophthalmol. 2018 March;96(2):222-228 . doi: 10.1111/aos.13536. (**IF=3.153**) **SRI=1.474**
 18. **Adela Chiriță-Emandi**, Maria Camelia Papa, Liliana Abrudan, Mihaela Amelia Dobrescu, Maria Puiu, Iulian Puiu Velea, Corina Paul; **A novel method for measuring subcutaneous adipose tissue using ultrasound in children – interobserver consistency;** Rom J Morphol Embryol 2017, 58(1):115–123 (**IF=0.912**)
 19. **Chirita-Emandi A**, Shepherd S, Kyriakou A, McNeilly JD, Dryden C, Corrigan D, et al. **A retrospective analysis of longitudinal**

changes in bone mineral content in cystic fibrosis. *J Pediatr Endocrinol Metab* 2017; 30(8): 807–814, doi: 10.1515/jpem-2016-0057. (IF=1,086) SRI=0.510

20. **Chirita-Emandi A**, Gabriela Barbu C, Cinteza EE, Chesaru BI, Gafencu M, Mocanu V, Pascanu IM, Tatar SA, Balgradean M, Dobre M, Fica SV, Ichim GE, Pop R, Puiu M: **Overweight and Underweight Prevalence Trends in Children from Romania - Pooled Analysis of Cross-Sectional Studies between 2006 and 2015.** *Obes Facts.* 2016 Jun 18;9(3):206–20. (IF=2.25) SRI=0.093
21. **Adela Chirita-Emandi**, Socolov D, Haivas C, Calapiş A, Gheorghiu C, Puiu M. **Vitamin D Status: A Different Story in the Very Young versus the Very Old Romanian Patients.** *PLoS ONE.* 2015 May 29;10(5):e0128010. (IF=3.057) SRI=1.787
22. **Adela Chirita-Emandi**, Puiu M. **Outcomes of Neurofeedback Training in Childhood Obesity Management: A Pilot Study.** *The Journal of Alternative and Complementary Medicine.* 2014 Sep 4;20(11):831–7 (IF=1.585) SRI=1.062
23. **Adela Chirita-Emandi**, M. Puiu, M. Gafencu, C. Pienar, **Impact of increased body mass on growth patterns in schoolchildren** *Acta Endocrinologica (Buc)*, vol. VIII, no. 4, December 2012, 551-563 (IF=0.45) SRI= 0.024
24. **Adela Chirita-Emandi**, Puiu M, Gafencu M, Pienar C. **Arterial hypertension in school-aged children in western Romania. Cardiology in the young.** April 2013, vol 23;189-196 (IF=0.857) SRI= 0.577
25. **Adela Chirita-Emandi**, M. Puiu, M. Gafencu, C. Pienar, **Growth references for school aged children in western Romania** *Acta Endocrinologica (Buc)*, vol. VIII, no. 1, 2012, p. 133-152. (IF=0.45) SRI= 0.024

Coauthor –ISI articles

1. Afana AS, Adam RD, Militaru S, Onciul S, Andrei O, **Chirita Emandi A**, Puiu M, Militaru C, Jurcut R. **Clinical Characteristics and Prognosis of Patients with End-Stage Hypertrophic Cardiomyopathy from a Tertiary Center Cohort: Systolic Dysfunction and Advanced Diastolic Dysfunction.** *Diagnostics (Basel).* 2025 Apr 29;15(9):1134. doi: 10.3390/diagnostics15091134.
2. Stroescu, Ramona, Adela Chiriță-Emandi, Maria Puiu, Flavia Chisavu, Ruxandra Steflea, Gabriela Doroş, and Mihai Gafencu. 2025. **"Nephrogenic Diabetes Insipidus Affecting Three Males in Two Generations—Case Report and Review of the Literature"** *Children* 12, no. 2: 195. <https://doi.org/10.3390/children12020195>
3. Munteanu CV, Marian C, **Chiriță-Emandi A**, Puiu M, Trifa AP. **In silico splicing analysis of the PMS2 gene: exploring alternative molecular mechanisms in PMS2-associated Lynch syndrome.** *BMC Genom Data.* 2024 Nov 27;25(1):100. doi: 10.1186/s12863-024-01281-3. PMID: 39592919; PMCID: PMC11600730.
4. Cozlac, Alina-Ramona, Caius Glad Streian, Marciana Ionela Boca, Simina Crisan, Mihai-Andrei Lazar, Mirela-Daniela Virtosu, Adina Ionac, Raluca Elisabeta Staicu, Daniela-Carmen Dugaci, **Adela Emandi-Chirita**, and et al. 2024. **"A Dual Challenge: Coxiella burnetii Endocarditis in a Patient with Familial Thoracic Aortic Aneurysm—Case Report and Literature Review"** *Journal of Clinical Medicine* 13, no. 23: 7155. <https://doi.org/10.3390/jcm13237155>
5. Cima, Luminita Nicoleta, Iustina Grosu, Isabela Magdalena Draghici, Augustina Cornelia Enculescu, Adela Chirita-Emandi, Nicoleta Andreescu, Maria Puiu, Carmen Gabriela Barbu, and Simona Fica. 2024. **"Persistent Müllerian Duct Syndrome with Supernumerary Testicles Due to a Novel Homozygous Variant in the AMHR2 Gene and Literature Review"** *Diagnostics* 14, no. 23: 2621. <https://doi.org/10.3390/diagnostics14232621>
6. Ionescu, Alin, Alexandra Mihăilescu, **Adela Chiriță-Emandi**, Nitesh Munagala, Vlad Laurențiu David, Raluca Dumache, Dorel Săndesc, Ovidiu Bedreag, Roxana Folescu, Felix Bratosin, and et al. 2024. **"Assessing Differential Transfusion Requirements for Children with Congenital Malformations vs. Pediatric Acute Abdomen Emergencies"** *Diagnostics* 14, no. 19: 2216. <https://doi.org/10.3390/diagnostics14192216>, IF=3
7. NCD Risk Factor Collaboration (NCD-RisC, including **Adela Chirita-Emandi**). **General and abdominal adiposity and hypertension in eight world regions: a pooled analysis of 837 population-based studies with 7.5 million participants.** *Lancet.* 2024 Aug 31;404(10455):851-863. doi: 10.1016/S0140-6736(24)01405-3. PMID: 39216975. IF= 98.4
8. Perva, Iulia Teodora, Iulia Elena Simina, Renata Bende, Alexandru Cătălin Motofelea, Adela Chirita Emandi, Nicoleta Andreescu, Alexandra Sima, Adrian Vlad, Ioan Sporea, Cristian Zimbru, and et al. 2024. **"Use of a Micronutrient Cocktail to Improve Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) in Adults with Obesity: A Randomized, Double-Blinded Pilot Clinical Trial"** *Medicina* 60, no. 8: 1366. <https://doi.org/10.3390/medicina60081366> IF=2.4
9. Ataikiru U, Iacob R, Chirita-Emandi A, Galinescu M, Miron I, Popoiu C, Boia E. **A 10-YEAR STUDY OF CHILDREN WITH GONADAL TUMORS AND DISORDERS OF SEX DIFFERENTIATION, IN ROMANIA.** *Acta Endocrinol (Buchar).* 2023 Oct-Dec;19(4):487-496. doi: 10.4183/aeb.2023.487. Epub 2024 Jun 24. PMID: 38933245; IF=0.7
10. McCrary JM, Van Valckenborgh E, Poirel HA, de Putter R, van Rooij J, Horgan D, Dierks ML, Antonova O, Brunet J, **Chirita-Emandi A**, Colas C, Dalmás M, Ehrencrona H, Grima C, Janavičius R, Klink B, Koczok K, Krajc M, Lace B, Leitsalu L, Mistrik M, Paneque M, Primorac D, Roetzer KM, Ronez J, Slámová L, Spanou E, Stamatopoulos K, Stoklosa T, Strang-Karlsson S, Szakszon K, Szczaluba K, Turner J, van Dooren MF, van Zelst-Stams WAG, Vassallo LM, Wadt KAW, Žigman T, Ripperger T, Genuardi M, Van den Bulcke M, Bergmann AK. **Genetic counselling legislation and practice in cancer in EU Member States.** *Eur J Public Health.* 2024 Jun 21;ckae093. doi: 10.1093/eurpub/ckae093. Epub ahead of print. PMID: 38905592., IF4.4
11. Houge G, Bratland E, Aukrust I, Tveten K, Žukauskaitė G, Sansovic I, Brea-Fernández AJ, Mayer K, Paakkola T, McKenna C, Wright W, Markovic MK, Lildballe DL, Konecny M, Smol T, Alhopuro P, Gouttenoire EA, Obeid K, Todorova A, Jankovic M, Lubieniecka JM, Stojiljkovic M, Buisine MP, Haukanes BI, Lorans M, Roomere H, Petit FM, Haanpää MK, Beneteau C, Pérez B, Plaseska-Karanfilska D, Rath M, Fuhrmann N, Ferreira BI, Stephanou C, Sjursen W, Maver A, Rouzier C, **Chirita-Emandi A**, Gonçalves J, Kuek WCD, Broly M, Haer-Wigman L, Thong MK, Tae SK, Hyblova M, den Dunnen JT, Laner A. **Comparison of the ABC and ACMG systems for variant classification.** *Eur J Hum Genet.* 2024 May 22. doi: 10.1038/s41431-024-01617-8. PMID: 38778080. IF=5.35
12. NCD Risk Factor Collaboration (NCD-RisC, including **Adela Chirita-Emandi**). **Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population-representative studies with 222 million children, adolescents, and adults,** *Lancet*, published online February 29, 2024, DOI:[https://doi.org/10.1016/S0140-6736\(23\)02750-2](https://doi.org/10.1016/S0140-6736(23)02750-2), IF=98.4
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