

Curriculum Vitae

INFORMAȚII PERSONALE

Adela Chirita-Emandi

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Sexul Feminin | Data nașterii 03.08.1982 | Naționalitatea Romana



EXPERIENȚA PROFESIONALĂ Academică

- 02.2021 - prezent **Sef de lucrări disciplina de Genetica-** Departament II Morfologie Microscopică
Universitatea de Medicina si Farmacie "Victor Babes" Timișoara, România
Activitate didactica si de cercetare medicala în Genetica
- 01.2018 - prezent **Lector Curs si aplicații practice Master Bioinformatica** Facultatea de Vest– Aplicații OMICS
Activitate didactica si de cercetare medicala în Genomică si alte OMICS
- 01.2016 - prezent **Cercetator** Centrul de Medicina Genomica <http://genomica.umft.ro/>
Universitatea de Medicina si Farmacie "Victor Babes" Timișoara, România
Activitate de cercetare Genomica si alte OMICS
- 02.2013-02.2021 **Asistent universitar disciplina Genetica**
Universitatea de Medicina si Farmacie "Victor Babes" Timișoara, România
Activitate –didactica si de cercetare medicala în Genetica
- 05.2014-10.2015 **Post-doctorand proiect POSDRU**
Universitatea de Medicina si Farmacie "Victor Babes" Timișoara
Activitate cercetare medicală în Pediatrie si Genetica
- 01.2009-06.2013 **Doctorand cu frecvență–Diploma Doctor Summa Cum Laude 20.06.2013**
Universitatea de Medicina si Farmacie "Victor Babes" Timișoara
Titlul tezei: Epidemiology and new treatment options in childhood obesity management
Coordonator Prof Puiu Maria
Activitate de cercetare medicală în Pediatrie - Obezitatea infantila.

EXPERIENȚA PROFESIONALĂ Practica Medicală

- 06.2021 - prezent **Medic primar specialitatea Pediatrie**
- 12.2018 - prezent **Medic Specialist Genetică Medicală** în cadrul Centrului Regional de Genetică Medicală Timis din Spitalul Clinic de Urgență pentru Copii "Louis Țurcanu" Timișoara, parte a Rețelei Europene de Referință pentru Boli Rare ERN ITHACA
- 01.08.2015-04.2018 **Medic rezident a 2-a specialitate Genetica Medicala**
Spitalul Clinic de Urgență pentru Copii "Louis Țurcanu" Timișoara
Diploma Medic Specialist Genetica Medicala
- 01.2008-03.2013 **Medic rezident Pediatrie**
Rezidentiat -Spitalul Clinic de Urgență pentru Copii "Louis Țurcanu" Timișoara
Diploma medic Specialist Pediatrie

EDUCAȚIE ȘI FORMARE

- 2001-2007 **Doctor medic**
Universitatea de Medicină și Farmacie "Victor Babeș" Timișoara - Medicina generala
- 1998-2001 **Bacalaureat**
Colegiul National "Constantin Diaconovici Loga" Timisoara - Matematica fizica

COMPETENTE PERSONALE

Limba maternă

Limba romana

Alte limbi străine cunoscute

Limba engleza

Limba franceza

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Limba engleza	C2	C2	C2	C2	C2
Limba franceza	B1	B1	A2	A2	A2

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Competențe informatice

O bună stăpânire a instrumentelor Microsoft Office™; statistica medicala utilizator SPSS

Alte competențe

Constiincioasa, ambitioasa, adaptabila

Activitate de voluntariat si coordonator de voluntari (instruirea unui grup de voluntari, studenti la Facultatea de Medicina). Cultura organizationala si abilitate in scrierea si coordonarea proiectelor de cercetare.

Permis de conducere categoria B

INFORMATII SUPLIMENTARE

Sumar Publicații

Prim autor a 17 articole publicate în reviste ISI ca autor principal si 25 in calitate de coautor (inclusiv in Jurnale precum The Lancet si Nature); **Indice Hirsch 12**, articole publicate in reviste CNCSIS B+, multiple capitole de carte (din care 2 in edituri internaționale), numeroase abstracte publicate în cadrul congreselor medicale naționale și internaționale. Lista publicatii mai jos

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

Granturi/Proiecte de cercetare

1. Director Proiect competitie interna 2019 5POSTDOC - Rolul secvențierii genomului în diagnosticul imunodeficiențelor primare și a cancerelor rare ACRONIM ImmunoGenomes (01.2020-01.2022)
2. Membru in proiect 2018-2019, coordonator local din Septembrie 2019 Proiect Science and Technology in childhood Obesity Policy (STOP), Grant Agreement number 774548; Call: **Horizon 2020-SFS-2016-2017**; Topic: SFS-39-2017, Research Innovation Action 2018-2020,
3. Membru -Proiect cofinanțat din FONDUL SOCIAL EUROPEAN prin Programul Operațional Capital Uman 2014-2020 Axa prioritară: 4 Incluziunea socială și combaterea sărăciei - Obiectiv specific: 4.8 - Îmbunătățirea nivelului de competențe al profesioniștilor din sectorul medical; Titlul proiectului: **Formarea PROFesionala a personalului medical in GENetica medicala- PROGEN** - SMIS 107623; Contract POCU: 91/4/8/107623/08.12.2017 (12.2017-12.2019)
4. Membru -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
5. Director - Proiect cercetare: Competiția Internă a Universității de Medicină și Farmacie "Victor Babeș" Timișoara; Proiecte pentru tineri cercetători; **Modele de predicție genomică pentru riscul de insulinoresistență la copiii cu obezitate** Programul II-C4-TC-2016, (04.01.2016-31.12.2016, valoare 22500 lei)
6. Membru -Proiect POSDRU/159/1.5/S/136893 cu titlul Parteneriat Strategic pentru cresterea calitatii cercetarii stiintifice din universitatile medicale prin acordarea de burse doctorale si postdoctorale 2007-2013
7. Membru -Corelatii clinice, genetice si aspecte epigenetice implicate in etiologia sindroamelor Prader Willi/Angelman: Model de abordare multidisciplinara a bolilor rare in Romania. Proiect CNMP Parteneriate, Contract 41113, 2009-2011 (membru in proiect)
8. Membru -Proiect NoRo – finanțat de Innovation Norway, partneri APWR, UMFT, Ministerul Sănătății, 2008-2011(membru in proiect)

- Burse obtinute**
1. Bursa de calatorie Congres ESHG 2017 Copenhaga, 2020 organizat on-line
 2. ESPE Early Career Scientific Development Award 2016 (Institut Pasteur Paris)
 3. Bursa 2nd Training School DSDnet 6-8 Oct 2016 Bologna
 4. Bursa ESPE Clinical fellowship iunie-septembrie 2013 University of Glasgow, Scotland
 5. Bursa de calatorie ESPE Congres 9-12 Septembrie 2016
 6. Bursa de calatorie Congresul European Obesity Summit 2016 Gothenburg 1-4 iunie 2016
 7. Bursa ESHG Manchester Dismorphology Course 19-21 April 2016
 8. Bursa ESPE Summer School 28-30 Septembrie 2015 Barcelona
 9. Bursa ESPE Science School Annecy Franta 6-9 Iunie 2015
 10. Burse de SCOPE Obesity School London 27-28 October 2014
 11. Burse de calatorie Congresul European de Obezitate Lyon, Franta 9-12 mai 2012
 12. Congresul European de Genetica Umana Amsterdam -ESHG 12-15 Iunie 2011
 13. Burse de calatorie Congresul European de Obezitate 25-28 Mai 2011, Istanbul Turcia,
 14. Burse de calatorie Congresul Mondial de Diabet 4-8 Decembrie 2011- Dubai, IDF2011
 15. Burse de calatorie ORPHEUS Viena 8-10 Aprilie 2010: Orpheus Fifth European Conference

- Membru in societati medicale**
1. Societatea Romana de Genetica Medicala – **Secretar general** (2014-2018),
Vicepresedinte (2018-prezent)
 2. European Society of Medical Genetics ESHG
 3. European Society of Pediatric Endocrinology ESPE
 4. Romanian Association for the Study of Obesity-ARSO
 5. European Childhood Obesity Group – ECOG

- Cursuri postuniversitare**
1. Curs Quality assurance, variant interpretation and data management in the NGS diagnostic era, Leuven, Belgium, 23-25 October 2019
 2. ERN-EYE Workshop 10-12 October 2018 Florence, Italy
 3. Curs nomendatura HGVS (Human Genome Variation Society) 15 iunie 2018, Milan, Italy,
 4. Curs Clinical Cytogenetics, Aug. 26th to Sep. 2nd, 2017 Goldrain, Italy
 5. Curs EXPERT ACCESARE FONDURI STRUCTURALE SI DE COEZIUNE EUROPENE organizat de Grupul de consultant pentru dezvoltare DCG Diploma seria L nr 00050070/17/IUNIE/2016
 6. Statistics in Medicine Stanford on-line august 2015
 7. Good Clinical Practice -NHS Greater Glasgow & Clyde -19 Septembrie 2013
 8. Pain assessment and management for children-internet 1-5 February 2012
 9. Curs Neurofeedback (Munchea 2010)
 10. Reanimare Neonatala, CMR nr. 3971/20.08.2009
 11. Grasimile Alimentare si Sanatatea Copilului, CMR, nr. 804/22.06.2009
 12. Actualitati in Pediatrie, CMR nr. 5343/30.10.2008

- Premii**
- Diploma de excelenta pentru activitatea in domeniul genetticii medicale la concursul **national "Tineri cercetatori in stiinta si inginerie rada Mihalcea"** editia a III-a, 21 iulie 2017 Cluj Napoca

- Referinte**
1. **Prof. Dr. Puiu Maria**
Disciplina Genetica Univeristatea de Medicina și Farmacie "Victor Babes" Timișoara, Romania
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

ANEXE
LISTA COMPLETA DE
PUBLICATII

- I. Chirita Emandi Adela – Teza de Doctorat la Universitatea de Medicina si Farmacie “Victor Babes” Timișoara; Title: Epidemiology and new treatment options in childhood obesity management (2013)
- II. Articole
 - Autor principal-articole ISI**
 1. 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=3.709**
 2. Olariu Ioana-Cristina, Popoiu Anca, Ardelean Andrada-Mara, Isac Raluca, Stefla 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=3.418**, *corresponding author
 3. **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= 3,063**
 4. **Chirita-Emandi A**, Andreescu N, Popa C, Alexandra Mihailescu , Anca-Lelia Riza , Razvan Plesea, Mihai Ioana, Smaranda Arghirescu, Maria Puiu. **Biallelic variants in BRCA1 gene cause a recognisable phenotype within chromosomal instability syndromes reframed as BRCA1 deficiency** [published online, 2020 Aug 25]. J Med Genet. 2021 Sep; 58(9): 648–652.; doi:10.1136/jmedgenet-2020-107198. **IF=6.318, SRI= 2.987**
 5. **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=5.133, SRI=2.350**
 6. 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=4.171, SRI =1.482**
 7. **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**
 8. **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**
 9. 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**
 10. **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=0.811**)
 11. **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**
 12. **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**
 13. **Adela Chirita-Emandi**, Socolov D, Haivas C, Calapiș 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**
 14. **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**
 15. **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**
 16. **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**
 17. **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**
- Coautor – articole ISI**
1. NCD Risk Factor Collaboration (NCD-RisC, including **Adela Chirita-Emandi**). **Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants**. Lancet. 2021 Aug 24;S0140-6736(21)01330-1. doi: 10.1016/S0140-6736(21)01330-1. Epub ahead of print.
2. Isac Raluca, Diana-Georgiana Basaca, Ioana-Cristina Olariu, Ramona F. Stroescu, Andrada-Mara Ardelean, Ruxandra M. Stefla,

- Mihai Gafencu, Adela Chirita-Emandi, Iulia C. Bagiu, Florin G. Horhat, Dan-Dumitru Vulcanescu, Dan Ionescu, and Gabriela Doros. 2021. **"Antibiotic Resistance Patterns of Uropathogens Causing Urinary Tract Infections in Children with Congenital Anomalies of Kidney and Urinary Tract"** *Children* 8, no. 7: 585. <https://doi.org/10.3390/children8070585>
3. Black GC, Sergouniotis P, Sodi A, Leroy BP, Van Cauwenbergh C, Liskova P, Grønsvkov K, Klett A, Kohl S, Taurina G, Sukys M, Haer-Wigman L, Nowomiejska K, Marques JP, Leroux D, Cremers FPM, De Baere E, Dollfus H; ERN-EYE study group (including Adela Chirita-Emandi). **The need for widely available genomic testing in rare eye diseases: an ERN-EYE position statement.** *Orphanet J Rare Dis.* 2021 Mar 20;16(1):142. doi: 10.1186/s13023-021-01756-x.
 4. NCD Risk Factor Collaboration (NCD-RisC, including Adela Chirita-Emandi in the writing group). **Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight.** *Elife.* 2021 Mar 9;10:e60060. doi: 10.7554/eLife.60060
 5. Selvatici R, Rossi R, Fortunato F, Trabaneli C, Sifi Y, Margutti A, Neri M, Gualandi F, Szabó L, Fekete B, Angelova L, Litvinenko I, Ivanov I, Vildan Y, Iuhás OA, Vintan M, Burloiu C, Lacramioara B, Visa G, Epure D, Rusu C, Vasile D, Sandu M, Vlodaevets D, Mager M, Kyriakides T, Delin S, Lehman I, Fureš JS, Bojinova V, Militaru M, Guergueltcheva V, Burnyte B, Molnar MJ, Butoianu N, Bensemmane SD, Makri-Mokrane S, Herczegfalvi A, Panzaru M, **Chirita-Emandi A**, Lusakowska A, Potulska-Chromik A, Kostera-Pruszczyk A, Shatillo A, Khelladi DB, Dendane O, Fang M, Lu Z, Ferlini A. **Ethnicity-related DMD Genotype Landscapes in European and Non-European Countries.** *Neurol Genet.* 2020 Dec 24;7(1):e536. doi: 10.1212/NXG.0000000000000536.
 6. NCD Risk Factor Collaboration (NCD-RisC, including Adela Chirita-Emandi in the writing group), **Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants**, *The Lancet*, Vol. 396, Issue 10261, November, 2020, Pages 1511-1524 (IF=60.392)
 7. Smith M, Alexander E, Marcinkute R, Dan D, Rawson M, Banka S, Gavin J, Mina H, Hennessy C, Riccardi F, Radio FC, Havlovicova M, Cassina M, **Chirita-Emandi A**, Fradin M, Gompertz L, Nordgren A, Traberg R, Rossi M, Trimouille A, Sowmyalakshmi R, Dallapiccola B, Renieri A, Faivre L, Kerr B, Verloes A, Clayton-Smith J, Douzgou S; ERN ITHACA. **Telemedicine strategy of the European Reference Network ITHACA for the diagnosis and management of patients with rare developmental disorders.** *Orphanet J Rare Dis.* 2020 Apr 25;15(1):103. doi: 10.1186/s13023-020-1349-1. (IF=3.687)
 8. Chelban, V., Alsagob, M., Kloth, K., **Chirita-Emandi, A.**, Vandrovцова, J., Maroofian, R., Davagnanam, I., Bakhtiari, S., AlSayed, M. D., Rahbeeni, Z., AlZaidan, H., Malintan, N. T., Johannsen, J., Efthymiou, S., Ghayoor Karimiani, E., Mankad, K., Al-Shahrani, S. A., Beiraghi Toosi, M., AlShammari, M., Groppa, S., Haridy, N. A., AlQuait, L., Qari, A., Huma, R., Salih, M. A., Almass, R., Almutairi, F. B., Hamad, M. H., Alorainy, I. A., Ramzan, K., Imtiaz, F., Puiu, M., Krueer, M. C., Bierhals, T., Wood, N. W., Colak, D., Houlden, H. and Kaya, N. (2019), **Genetic and phenotypic characterization of NKX6-2-related spastic ataxia and hypomyelination.** *Eur J Neurol.* 7 January 2020, 27: 334–342, <https://doi.org/10.1111/ene.14082> (IF=4.387)
 9. Cristian G. Zimbru, Nicoleta Andreescu, Adriana Albu, **Adela Chirita-Emandi**, Antonius Stanciu, Maria Puiu. **Performance Evaluation of in Silico Predictors for the Classification of ClinVar Variants.** *Proceedings The 7th IEEE International Conference on E-Health and Bioengineering - EHB 2019*, pp 1-4, Grigore T. Popa University of Medicine and Pharmacy, Iasi, Romania, November 21-23, 2019. doi:10.1109/EHB47216.2019.8969963
 10. Cristian G. Zimbru, Adriana Albu, Nicoleta Andreescu, **Adela Chirita-Emandi**, Maria Puiu. **"Determining Splicing Signal Variation in Humans by Analyzing the Regulatory Splicing Motifs."** *Proceedings The 7th IEEE International Conference on E-Health and Bioengineering - EHB 2019*, pp 1-4, Grigore T. Popa University of Medicine and Pharmacy, Iasi, Romania, November 21-23, 2019, doi: 10.1109/EHB47216.2019.8969983
 11. Costela Lăcrioara Șerban, Alexandra Sima*, Corina Hogeia, Adela Chiriță-Emandi, Iulia Teodora Perva, Adrian Vlad, Alin Albai, Georgiana Nicolae, Salomeia Putnok, Romulus Timar, Mihai Dinu Niculescu and Maria Puiu. **Assessment of Nutritional Intakes in Individuals with Obesity under Medical Supervision. A Cross-Sectional Study.** *International Journal of Environmental Research and Public Health.* 2019 Jan;16(17):3036. (IF=2.468)
 12. Anna Ek, Christine Delisle Nyström, Adela Chirita-Emandi, Josep A. Tur, Karin Nordin, Cristina Bouzas, Emma Argelich, J. Alfredo Martínez, Gary Frost, Isabel Garcia-Perez, Marc Saez, Corina Paul, Marie Löf, Paulina Nowicka. **A randomized controlled trial for overweight and obesity in preschoolers: the More and Less Europe study - an intervention within the STOP project.** *BMC Public Health.* 2019 Jul 15;19(1):945. (IF=2.567)
 13. Iulia-Elena Jurca-Simina, Iulius Juganaru, Mircea-Stefan Iurciuc, Stela Iurciuc, Emil Ungureanu, Andreea Iulia Dobrescu, Adela Chirita-Emandi, Oana Raluca Voinescu, Ioana-Cristina Olariu, Maria Puiu, Doina Georgescu, Veronica-Madalina Boruga. **What if body fat percentage association with FINDRISC score leads to a better prediction of type 2 diabetes mellitus?** *Rom J Morphol Embryol.* 2019, 60(1):205–210 (IF=1.5)
 14. Miclea Diana, Alkhzouz Camelia, Osan Sergiu, Bucerzan Simona, Cret Victoria, Radu Anghel Popp, Puiu Maria, Chirita-Emandi Adela, Zimbru Cristian, Ghervan Cristina. **Genomic study via chromosomal microarray analysis in a group of Romanian patients with obesity and developmental disability/intellectual disability.** *Journal of Pediatric Endocrinology and Metabolism* 2019 Jul 26;32(7):667-674. DOI: <https://doi.org/10.1515/jpem-2018-0439> (IF=1.239)
 15. Florin Borcan, Adela Chirita-Emandi, Nicoleta Ioana Andreescu, Livia-Cristina Borcan, Ramona Carmen Albulescu, Maria Puiu, Mirela Cleopatra Tomescu; **Synthesis and preliminary characterization of polyurethane nanoparticles with ginger extract as a possible cardiovascular protector;** *International Journal of Nanomedicine* 21 May 2019 (14): 3691–3703 (IF= 4.471)
 16. NCD Risk Factor Collaboration (NCD-RisC, including Adela Chirita-Emandi). **Rising rural body-mass index is the main driver of the global obesity epidemic in adults.** *Nature.* 2019 May 9;569(7755):260–4. (IF= 41.577)
 17. NCD Risk Factor Collaboration (NCD-RisC, including Adela Chirita-Emandi). **Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants.** *Int J Epidemiol.* 2018 Jun; 47(3): 872–883i. doi: 10.1093/ije/dyy016 (IF=7.339)
 18. NCD Risk Factor Collaboration (NCD-RisC; including Adela Chirita-Emandi in writing group). **Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement**

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