

## PERSONAL INFORMATION

Adela Chirita-Emandi

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Gender Female | Birth date 03.08.1982 | Nationality Romanian



## PROFESSIONAL EXPERIENCE

- 02.2021-present Lecturer Genetics Discipline  
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania
- 02.2013-02.2021 Assistant Professor Genetics Discipline  
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania  
[Academic activities and research activities](#)
- 2018 - present Course and practical applications OMICS – Bioinformatics Master (West University)  
2016- 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](#)
- 01.08.2015-18.03.2018 Second Specialty in Medical Genetics  
Clinical Emergency Hospital for Children "Louis Țurcanu" Timișoara, Romania
- 05.2014-10.2015 Post-doc project POSDRU  
University of Medicine and Pharmacy "Victor Babes" Timișoara, Romania  
[Research activities in pediatrics and medical genetics](#)
- 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](#)
- 01.2008-03.2013 Pediatric specialty  
Training in Clinical Emergency Hospital for Children "Louis Țurcanu" 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	C2
French	B1	B1	A2	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 15 articles published in ISI journals as main author and other 21 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=11

### Notable articles (first author):

- 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.
- Chirita-Emandi A**, 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.
- Chirita-Emandi A**, Puiu M. Outcomes of Neurofeedback Training in Childhood Obesity Management: A Pilot Study. *The Journal of Alternative and Complementary Medicine*. 2014
- Chirita-Emandi A**, M. Puiu, M. Gafencu, C.Pienar, Growth references for school aged children in western Romania; *Acta Endocrinologica (Buc)*, vol.VIII, no.1, 2012, 133-152.

### Grant PROJECTS

- 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) (project manager 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)
- 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)
- 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)
- 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)
- 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

**Fellowships and travel grants**

1. ERN-EYE Workshop 10-12 October 2018 Florence, Italy
2. Course Clinical Cytogenetics, Aug.26<sup>th</sup> to Sep.2<sup>nd</sup>,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. 2<sup>nd</sup> 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, Franta 9-12 may 2012
13. European Human Genetics Conference ESHG Amsterdam -ESHG 12-15 Iunie 2011
14. European Obesity Conference ECO 25-28 Mai 2011, Istanbul Turkey,
15. International Diabetes Conference IDF 4-8 December 2011- Dubai, IDF2011
16. ORPHEUS Viena 8-10 Aprilie 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 GenomeVariation Society)15 June 2018, Milan,Italy,
3. Course Clinical Cytogenetics, Aug.26<sup>th</sup> to Sep.2<sup>nd</sup>,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 Septembrie 2013
6. Pain assessment and management for children-internet 1-5 February 2012
7. Neurofeedback Course (Munchen 2010)

**Reference**

1. **Prof. Dr. Puiu Maria**  
Genetics Department University of Medicine and Pharmacy "Victor Babes"  
Timișoara, Romania, email [maria\\_puiu@umft.ro](mailto: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](mailto:kenneth.mcelreavey@pasteur.fr)

## FULL 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 author-articles 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, Steflea 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*. 2020;jmedgenet-2020-107198. 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

#### Co-author – articles ISI

18. 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.
19. Isac Raluca, Diana-Georgiana Basaca, Ioana-Cristina Olariu, Ramona F. Stroescu, Andrada-Mara Ardelean, Ruxandra M. Steflea, 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>
20. Black GC, Sergouniotis P, Sodi A, Leroy BP, Van Cauwenbergh C, Liskova P, Grønskov 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.
21. 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
22. Selvatici R, Rossi R, Fortunato F, Trabanelli C, Sifi Y, Margutti A, Neri M, Gualandi F, Szabò L, Fekete B, Angelova L, Litvinenko I, Ivanov I, Vildan Y, Iuhas OA, Vintan M, Burloiu C, Lacramioara B, Visa G, Epure D, Rusu C, Vasile D, Sandu M, Vlodayets D, Mager M, Kyriakides T, Delin S, Lehman I, Fureš JS, Bojinova V, Militaru M, Guerguelcheva 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.
23. 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)
24. 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)
25. Chelban, V. , Alsagob, M. , Kloth, K. , **Chirita-Emandi, A.** , Vandrovcová, 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. , Krüer, 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)
26. 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

27. 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
28. Costela Lăcrimioara Șerban, Alexandra Sima\*, Corina Hoge, Adela Chiriță-Emandi, Iulia Teodora Perva, Adrian Vlad, Alin Albai, Georgiana Nicolae, Salomeia Putnoky, 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)
29. 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)
30. 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)
31. 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)
32. Florin Borcan, Adela Chirita-Emandi, Nicoleta Ioana Andreescu, Livia-Cristina Borcan, Ramona Carmen Albu, 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)
33. 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)
34. 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)
35. 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 studies in 128.9 million children, adolescents, and adults** Lancet. 2017 Dec 16;390(10113):2627–42 doi: 10.1016/S0140-6736(17)32129-3 (IF=53,254)
36. Zimbru Cristian G.; Andreescu Nicoleta; **Chirita-Emandi Adela**; Silea Ioan; Puiu Maria; Niculescu Mihai D., **"Analysis of decision tree performance in predicting the relationship between a scored outcome and multiple single nucleotide polymorphisms,"** 2017 E-Health and Bioengineering Conference (EHB), Sinaia, JUN 22-24,2017, pp. 57-60. doi: 10.1109/EHB.2017.7995360
37. Zimbru Cristian G.; Andreescu Nicoleta ;**Chirita-Emandi Adela** ;Stanciu Antonius;Silea Ioan; Niculescu Mihai D; Puiu Maria **"Splice site pattern analysis and identification of similar sequences in the deep intron areas of human chromosome 21,"** 2017 E-Health and Bioengineering Conference (EHB), Sinaia, JUN 22-24,2017, pp. 145-148.doi: 10.1109/EHB.2017.7995382
38. Diana Aparaschivei, Anamaria Todea, Iulia Păușescu, Valentin Badea, Mihai Medeleanu, Eugen Șișu, Maria Puiu, **Adela Chiriță-Emandi**, Francisc Peter. **Synthesis, characterization and enzymatic degradation of copolymers of ε-caprolactone and hydroxy-fatty acids.** Pure and Applied Chemistry. 2016;88(12):1191–1201. (IF=2.626)
39. NCD Risk Factor Collaboration (NCD-RisC; including Adela Chirita-Emandi). **Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19·1 million participants.** Lancet. 2016 January 7; 389, (10064): p 37-55 (IF=47.831)
40. NCD Risk Factor Collaboration (NCD-RisC, including Adela Chirita-Emandi). **A century of trends in adult human height.** Elife. 26 July 2016; 5:e13410 (IF=7.725)
41. NCD Risk Factor Collaboration (including Adela Chirita-Emandi). **Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19·2 million participants.** The Lancet. 2016 Apr 2;387(10026):1377–96. (IF=47.831)
42. Puiu M, Pienar C, **Chirita Emandi A**, Arghirescu S, Popa C, Micle I; **A Case of Antley Bixler Syndrome: Diagnosis**

**and Outcome.** Acta Endocrinologica (Bucharest). 2012;8(3):479–84. (IF=0.45)

#### **First author - Articles BDI**

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