Curriculum Vitae

INFORMAŢII PERSONALE

Puiu Maria

Str. M. Ovidiu Munteanu, 9,300360, Timisoara

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Fax: 0256 220479

Data naşterii 17.08.1959| Naţionalitatea Română

EXPERIENŢA PROFESIONALĂ

Din mai 2014 pana in prezent

Coordonator Centrul Regional de Genetica Medicala Timis

Spitalul Clinic de Urgenta pentru Copii „Louis Turcanu" Timisoara

sectorul de activitate

- Coordonare activitatii clinice a departamentului

Din mai 2010 pana in prezent

Conducator de Doctorat

Universitatea de Medicina si Farmacie "Victor Babes" Timisoara, Disciplina Genetica, P-ta Eftimie Murgu Nr.2, Timisoara, Romania

sectorul de activitate

- Activitati de cercetare

Din octombrie 2009 pana in prezent

Profesor

Universitatea de Medicina si Farmacie "Victor Babes" Timisoara, Disciplina Genetica, P-ta Eftimie Murgu Nr.2, Timisoara, Romania

sectorul de activitate

- Activitati de cercetare

Din octombrie 2003- oct. 2009

Conferentiar

Universitatea de Medicina si Farmacie "Victor Babes" Timisoara, Disciplina Genetica, P-ta Eftimie Murgu Nr.2, Timisoara, Romania

sectorul de activitate

- Activitati de cercetare

Octombrie 1999 – octombrie 2003

Sef de lucrari

Universitatea de Medicina si Farmacie "Victor Babes" Timisoara, Disciplina Genetica, P-ta Eftimie Murgu Nr.2, Timisoara, Romania

sectorul de activitate

- Activitati de cercetare

Martie 1992 – octombrie 1999

Asistent universitar

Universitatea de Medicina si Farmacie "Victor Babes" Timisoara Disciplina Genetica, P-ta Eftimie Murgu Nr.2, Timisoara, Romania

sectorul de activitate

- Activitati de cercetare

EDUCAŢIE ŞI FORMARE

2010 Certificat de absolvire a modulului de formare in managementul universitar. Managementul cercetarii
UE, POSDRU, AMPOSDRU, OIPOSDRU, Guvernul Romaniei, UEFISCDI
Organizat in cadrul proiectului strategic Imbunatatirea Managementului Universitar, Cluj- Napoca, noiembrie 2010

SC IDAS GROUP SRL
- Program de specializare/ Certificat de absolvire acordat de Ministerul Muncii si Ministerul Educatiei, Cercetarii si Tineretului

Iunie 2010 Manager proiect
GRUPUL DE CONSULTANTA PENTRU DEZVOLTARE, BUCURESTI
- Program de specializare/ Certificat de absolvire acordat de Ministerul Muncii si Ministerul Educatiei, Cercetarii si Tineretului

2009 Manager proiect
SC IDAS GROUP SRL
- Program de specializare/ Certificat de absolvire acordat de Ministerul Muncii si Ministerul Educatiei, Cercetarii si Tineretului

2005 Medic primar
UMF „V. Babes" Timisoara, Spitalul clinic de urgenta pentru copii „L. Turcanu"
- Genetica medicala

2002 Medic primar
UMF „V. Babes" Timisoara, Spitalul clinic de urgenta pentru copii „L. Turcanu"
- Pediatrie

2000 Medic specialist
UMF „V. Babes" Timisoara, Spitalul clinic de urgenta pentru copii „L. Turcanu"
- Genetica medicala

1995 Medic specialist
UMF „V. Babes" Timisoara, Spitalul clinic de urgenta pentru copii „L. Turcanu"
- Pediatrie

1994 Doctorand cu frecventa – Diploma Doctor Summa Cum Laude 03.02.1994
Prin Ordinul nr 6082 al Ministerului învățământului
Universitatea de Medicina si Farmacie "Carol Davila" București
Titlul tezei: Patologia unor populații intens consangvinizate din Banat
Coordonator: Prof. Dr. Constantin Maximilian

1991-1992 Medic de medicina generala
Dispensar Comlos, Spital Jimbolia
- Medic pediatru

1988-1990 Medic de medicina generala
Dispensar Brusturoasa, Spital Comanesti
- Medicina generala adulti

1985-1988 Medic stagiar
Spitalul Munincipal Timisoara
- Medicina generala

COMPETENTE PERSONALE

Limba maternă Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversaţie	Discurs oral	
Limba franceza	B2	B2	B2	B2	B2
	Certificat emis de Centrul Cultural Francez Timisoara				
Limba egleza	A2	A2	A2	A2	A2
	Evaluare realizata in cadrul catedrei de limbi straine UMFT				

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

Competenţe de comunicare Capacitate de comunicare dobândita în cursul activitatii didactice si de cercetare, adepta a spiritului de echipa la locul de munca; conducator a peste 40 de lucrari de licenta.

Competenţe organizaţionale/manageriale

Presedinte executiv al Societatii Romane de Genetica Medicala.
Coordonator Centru Regional de Genetica Medicala Timis

Colaborez de peste 10 ani cu Organizatia Salvati copiii (din 2008 sunt membru in colegiul director), de peste 8 ani cu Asociatia Prader Willi din Romania (director adjunct) si Asociatia Williams Romania, sunt membru fondator si vicepresedinte al Aliantei Nationale a Bolilor Rare Romania (ANBRaRo). In aceasta calitate am organizat numeroase manifestari si campanii nationale pentru promovarea bolilor rare in Romania, implicand UMF Timisoara ca partener (6th International Prader-Willi Syndrome Scientific Conference and Rare Diseases Conference, Cluj, 2007, Conferinta Nationala cu participare internationala “Bolile rare – De la evaluarea nevoilor la stabilirea prioritatilor”, Zalau, 2007, Seminarul : “Împreuna pentru bolile rare”, Timisoara, Rare day for rares diseases, februarie 2008, 2009, 2010, Simpozionul “Trust of Trust”, Cluj, 2008, Conferinta est europeana Prader Willi syndrome, 2009, Timisoara, Conferinta balcanica de boli rare, 2009, Cluj).

Am participat la creionarea si implementarea Planului National pentru Bolile Rare. Ca vicepresedinte ANBRaRo si specialist, particip la intalnirile de lucru si la manifestari organizate de Ministerul Sanatatii Publice, Presedentia Romaniei, Institutul National de Sanatate Publica.

Am reprezentat Romania in foruri internationale si sunt invitata la manifestari organizate de acestea (Conferinte europene de Boli rare-2006, 2007, 2008), Meduse Conference (2007, Paris), EPOSSI Workshop (speacher, 2008), FRAMBU, Norvegia (2008) la manifestari internationale.

Experienta în organizarea activitatii didactice si de cercetare la locul de munca (proiecte de cercetare in colaborare cu echipe multidisciplinare si multicentrice).

Am fondat si coordonez, in calitate de redactor sef Romanian Journal of Rare Diseases. In cadrul proiectului norvegiano-roman Noro, am organizat si coordonez activitatile E-Universitatii de Boli rare (http://www.edubolirare.ro/index.html)

Competenţe dobândite la locul de muncă

Consult si sfat genetic in sindroamele dismorfice, cromozomopatii. Stabilirea riscului de recurenta in bolile genetice. Organizarea infrastructurii nationale pentru implementarea Planului National pentru Bolile Rare. Organizarea si managementul Departamentului de Genetica al Spitalului clinic de urgenta pentru copii „L. Turcanu” Timisoara. Am creat sectia cu paturi pentru bolnavii cu afectiuni genetice.

Competenţe informatice

O buna stapânire a instrumentelor Microsoft Office (absolvent curs Microsoft Project Advanced, 2010)
Cunostiinte ale aplicatiilor de grafica de calculator (Adobe Illustrator, PhotoShop)

Alte competenţe

Activitate de voluntariat si coordonator de voluntari (instruirea unui grup de voluntaril, studenti la Facultatea de Medicina).
Cultura organizationala si abilitate in scrierea si coordonarea proiectelor adaptate ONG cu activitate in Sanatate.
Coordonez din 2007 un grup de studenti ai Universitatii de Medicina si Farmacie care desfasoara activitati complexe de voluntariat impreuna si pentru pacientii cu boli rare: Grupul “Voluntari pentru bolile rare”. Impreuna cu acesti studenti am scris si castigat numeroase proiecte iar activitatea studentilor a fost apreciata in presa si in cadrul Galei Premiilor Carol Davila, unde a primit Premiul special.
Premiul de Excelenţă acordat de Revista viata Medicală, 2010, pentru întreaga activitate în domeniul bolilor rare
Premiu CMR, pentru MEDIC IMPLICAT, Gala Medica, Bucuresti, 2011

INFORMATII SUPLIMENTARE

Apartenenta la organizatii profesionale 1. Nationale:	▪ **2010-2018 Presedinte executiv Societatea Romana de Genetica Medicala** ▪ 2007 Alianţa Naţională pentru Boli Rare (membru fondator si vicepresedinte) ▪ Societatea Romana de Pediatrie ▪ Societatea Romana de Hematologie ▪ Societatea Romana de Pediatrie Sociala ▪ Societatea Romana de Biochimie si Biologie Moleculara, ▪ Asociatia Prader Willi din Romania (director adjunct) ▪ Organizatia Salvati copiii (membru in colegiul director) ▪ Asociatia Williams din Romania ▪ Coalitia Organizatiilor Pacientilor cu Afectiuni Cronice (COPAC).
2. Internationale:	▪ American Society of Human Genetics (ASHG) ▪ European Society of Human Genetics (ESHG) ▪ European Cytogenetics Association (ECA) ▪ European Society for Clinical Investigation (ESCI) ▪ European Society for Medical Oncology (ESMO) ▪ Innovative Medicines Steering group (INNOMED-RO)
Publicaţii(1982-2012)	▪ Cursuri: 9, Indrumatoare: 8, Volume colective: 14, Monografii: 12 ▪ Articole publicate in volume de rezumate la congrese internationale: 246 ▪ Articole in extenso in reviste de circulatie nationala recunoscute: 234 ▪ Articole publicate în volume de rezumate din tara: 261 ▪ Lucrari comunicate in congrese si simpozioane nationale si internationale: 266.
Proiecte:	▪ Proiecte de cercetare: 16 (5 director, 1 manager, 1 asistant manager, 1 responsabil partener, 2 reprezentant specialisti, 4 coordonator specialist, 2 membru in echipa de cercetare).

ANEXE

LISTA LUCRARILOR REPREZENTATIVE

I. Monografii

1. **Maria Puiu** (coordonator), Medical Alert in Rare Genetic Diseases, Timisoara, "Victor Babes" Publisher, 2011, ISBN 606-8054-39-X;
2. **Maria Puiu** (coordonator) , Bolile rare, intre daruire si intelegere, Ed. Brumar, Timisoara, 132 pag. ISBN 978-973-602-390-3, editura recunoscuta CNCSIS, 2008
3. **Maria Puiu** (coordonator) , Bolile rare, informatii utile pentru parinti, Ed. Brumar, Timisoara, 92 pag. ISBN 978-973-602-391-0, editura recunoscuta CNCSIS, 2008
4. **Maria Puiu** (coordonator), Esentialul in 101 boli genetice rare, Ed. Orizonturi Universitare, Timisoara, ISBN 978-973-638-327-4, editura recunoscuta CNCSIS, 512 pagini, 2007
5. Cristina Rusu (coordonator), Metode uzuale in screeningul si diagnosticul bolilor genetice, Editura Gr. T. Popa U.M.F. Iasi, ISBN 978-973-7682-31-4, editura recunoscuta CNCSIS, 266 pg.; **Maria Puiu**: capitol 1.Tehnici de screening prenatal. Screeningul serului matern, pp 3-13, capitol 4. Tehnici de diagnostic prenatal. Amniocenteza, pp 71-81, Punctia de vilozitati corionice, pp 81- 86, Cariotipul, pp 105-112, 2007.
6. Mihai Gafencu, **Maria Julieta Puiu**, Violeta Stan, Gabriela Doroş, Sindromul Down de la îngrijire la înţelegere şi acceptare, Ed. Brumar, ISBN 973-602-137-8, editura recunoscuta CNCSIS, 236 pagini, Maria Puiu, capitolul 1, pp 9-11, capitolul 2, pp 11-15, capitolul 3, pp 15-29, capitolul 12, pp 211-227, 2005.
7. Mircea Covic, Dragoş Ştefănescu, Ionel Sandovici (coordonatori), Genetică medicală, Editura Polirom, Iaşi, ISBN 973-681-334-7, 607 pg, editura recunoscuta CNCSIS, xxx pagini, **Maria Puiu**, capitol 6. Variabilitatea genetica (M. Covic, I. Dimofte, M. Puiu, I. Sandovici), pp 203-248, capitol 7. Genetica populatiilor (M. Covic, M. Puiu, E. Severin), pp 253-271, 2004.
8. **Maria Puiu**, Mic dicţionar de genetică medicală, Ed. Eurobit, Timisoara, ISBN-973-9336-87-6, 210 pg, 1998
9. **Maria Puiu**, Genetica populaţiilor umane, Ed. Eurobit, Timisoara, ISBN 973-9336-86-8, 138 pg. 1998
10. **Maria Puiu**, Genetica izolatelor, Ed. Helicon, Timisoara, ISBN 973-9133-71-1, 173 pg. 1995

II. Capitole de carte

1. **Maria Puiu**, Adela Chirita Emandi and Smaranda Arghirescu (2013). Genetics and Obesity, Genetic Disorders, Maria Puiu (Ed.), p 271-292, ISBN: 978-953-51-0886-3, InTech, Available from: http://www.intechopen.com/books/genetic-disorders/genetics-and-obesity
2. **Maria Puiu**, Simona Dumitriu, Adela Chirița - mandi, Raluca Gradinarŭ and Smaranda Arghirescu (2013). The Genetics of Mental Retardation, Genetic Disorders, Maria Puiu (Ed.), p 143-174, ISBN: 978-953-51-0886-3, InTech, Available from: http://www.intechopen.com/books/genetic-disorders/the-genetics-of-mental-retardation
3. Ioana Micle si colab., Olimpia Tudose, **Maria Puiu**, Dorina Stoicanescu, *Diabetologie pediatrica – teorie si practica***,** Capitolul, *Genetica diabetului zaharat tip 1*, Editura Marineasa, Timisoara, ISBN-973-9485-68-5, 2000.

III. Cursuri, indreptare lucrari practice

1. Maria Puiu, Dorina Stoicanescu, Gug Cristina, Simona Farcas, Popa Cristina, Nicoleta Andreescu, Adela Chirita-Emandi, Andreea Dobrescu; Aplicatii practice de Genetica pentru Asistenta Medicala generala, Editura "Victor Babes", Timisoara

2017, ISBN 987-606-786-044-3

2. **Maria Puiu**, D. Stoicanescu, C. Gug, S. Farcas, C. Popa, N. Andreescu, A. Chirita-Emandi, A. Dobrescu, Curs de Genetica Medicala, Ed. Eurostampa, Timisoara, ISBN 978-606-32-0296-4, 2016.
3. **Maria Puiu**, Genetica si farmacogenetica, Curs si lucrari practice pentru studentii facultatii de farmacie, Editura Brumar, Timisoara, ISBN 978-973-602-241-5, 209 pg. 2008
4. Valerica Belengeanu, **Maria Puiu**, Dorina Stoicanescu, Cristina Gug, Mirela Mihăescu, Simona Farcaş, Cristina Popa, Monica Stoian, Nicoleta Andreescu, Noemi Meszaros, Aplicatii practice in Genetica medicala, Ed. Eurostampa, Timisoara, ISBN 978-973- 687-676-9, 272 pg, 2008
5. Valerica Belengeanu, **Maria Puiu**, D. Stoicanescu, C. Gug, M. Mihaescu, S. Farcas, C. Popa, M. Stoian, Elemente de Genetica medicala, Editura Orizonturi universitare, Timisoara, ISBN: (10) 973-638-272-9, 275 pagini, 2006
6. Valerica Belengeanu, **Maria Puiu**, Dorina Stoicanescu, Cristina Gug, Mirela Mihăescu, Simona Farcaş, Cristina Popa, Kinga Rozsnyai,Genetica medicala – Aplicaţii practice, Ed. Orizonturi universitare, Timişoara, ISBN 973-638-111-0, 160 pagini, 2004
7. **Maria Puiu**, Genetique medicale, cours et traveaux pratiques, Editura Orizonturi Universitare, Timisoara, ISBN-973-8391-39-3, 2002
8. Olimpia Tudose, Valerica Belengeanu, **Maria Puiu**, Dorina Stoicanescu, Cristina Gug, Mirela Moga, Genetica medicala. CURS, Ed. Orizonturi universitare, Timişoara, ISBN 973-8109-09-4, 2000.
9. **Puiu, M**., Moga, M, Notes de génétique médicale, Ed. Eurobit, Timisoara, ISBN 973-9441-88-4, 123 pg. Indexat NLM Catalog/PubMed, Notes de génétique médicale : à l'usage des étudiants en médicine de langue française, NLM ID: 101126830 [Book] , 1998.

LISTA PRINCIPALELOR LUCRARI PUBLICATE IN EXTENSO

1. Chirita-Emandi A, Andreescu N, Zimbru CG et al. 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
2. Grădinaru R, Andreescu N, Nussbaum L, Suciu L, Puiu M. Impact of the CYP2D6 phenotype on hyperprolactinemia development as an adverse event of treatment with atypical antipsychotic agents in pediatric patients (2019) Irish Journal of Medical Science, 188 (4), pp. 1417-1422.
3. Serafim V, Chirita-Emandi A, Andreescu N, Tiugan DA, Tutac P, Paul C, Velea I, Mihailescu A, Șerban CL, Zimbru CG, Puiu M, Niculescu MD. 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 (2019) Nutrients, 11 (11)
4. Serban CL, Hogea CM, Chiriţă-Emandi A, Vlad A, Albai A, Nicolae G, Putnoky S, Timar R, Niculescu MD, Puiu M. Assessment of nutritional intakes in individuals with obesity under medical supervision. A cross-sectional study (2019) International Journal of Environmental Research and Public Health, 16 (17)
5. Miclea D, Al-Khzouza C, Osan S, Bucerzan S, Cret V, Popp RA, Puiu M, Chirita-Emandi A, Zimbru C, Ghervan C. Genomic study via chromosomal microarray analysis in a group of Romanian patients with obesity and developmental disability/intellectual disability (2019) Journal of Pediatric Endocrinology and Metabolism, 32 (7), pp. 667-674.
6. NCD Risk Factor Collaboration. Rising rural body-mass index is the main driver of the global obesity epidemic in adults (2019) Nature, 569 (7755), pp. 260-264.
7. Aparaschivei D, Todea A, Frissen AE, Badea V, Rusu G, Sisu E, Puiu M, Boeriu CG, Peter F. Enzymatic synthesis and characterization of novel terpolymers from renewable sources (2019) Pure and Applied Chemistry, 91 (3), pp. 397-408.
8. Serafim V, Tiugan DA, Andreescu N, Mihailescu A, Paul C, Velea I, Puiu M, Niculescu MD. Development and validation of a LC–MS/MS-based assay for quantification of free and total omega 3 and 6 fatty acids from human plasma (2019) Molecules, 24 (2), art. no. 360
9. Puiu M, Parvanescu R, Rogobete AF, Enache A, Dumache R. Advantages of chromosome X-STRS markers in solving a father-daughter paternity case with one mismatch on SE33 locus (2019) Clinical Laboratory, 65 (9), pp. 1661-1667.
10. Borcan F, Chirita-Emandi A, Andreescu NI, Borcan LC, Albulescu RC, Puiu M, Tomescu MC. Synthesis and preliminary characterization of polyurethane nanoparticles with ginger extract as a possible cardiovascular protectorm(2019) International Journal of Nanomedicine, 14, pp. 3691-3703.
11. Emandi AC, Dobrescu AI, Doros G, Hyon C, Miclea D, Popoiu C, Puiu M, Arghirescu S. A novel 3q29 deletion in association with developmental delay and heart malformation—Case report with literature review (2019) Frontiers in Pediatrics, 7, art. no. 270, .
12. Juganaru I, Luca CT, Dobrescu AI, Voinescu O, Puiu M, Farcas S, Andreescu N, Iurciuc M. A non-invasive, easy to use medical device for arterial stiffness (2019) Revista de Chimie, 70 (2), pp. 642-645.
13. Meszaros N, Andreescu NI, Farcas SS, Dobrescu AI, Stelea LE, Mathe E, Porumb A, Puiu M. TERT genotyping for evaluation of reproduction failure (2019) Revista de Chimie, 70 (1), pp. 195-198.
14. Chelban V, Alsagob M, Kloth K, Chirita-Emandi A, Vandrovcova J, Maroofian R, et al. Genetic and phenotypic characterization of NKX6-2-related spastic ataxia and hypomyelination. (2019) European Journal of Neurology, DOI: 10.1111/ene.14082
15. Jurca-Simina IE, Jugănaru I, Iurciuc MŞ, Iurciuc S, Ungureanu E, Dobrescu AI, Chiriţă-Emandi A, Voinescu OR, Olariu IC, Puiu M, Georgescu D, Borugă VM. What if body fat percentage association with FINDRISC score leads to a better prediction of type 2 diabetes mellitus? (2019) Romanian Journal of Morphology and Embryology, 60 (1), pp. 205-210.

16. Florina Stoica, Adela Chirita-Emandi, Nicoleta Andreescu, Alina Stanciu, Cristian G. Zimbru, Maria Puiu Clinical relevance of retinal structure in children with laser-treated retinopathy of prematurity versus controls – using optical coherence tomography Acta Ophthalmol, 2018 doi: 10.1111/aos.13536
17. Ageu LŞ, Levai CM, Andreescu NI, Grigoraş ML, Hogea LM, Chiriac DV, Folescu R, Bredicean AC, Nussbaum LM, Enătescu VR, Poroch V, Lupu V, Puiu M, Nussbaum LA. Modern molecular study of weight gain related to antidepressant treatment: clinical implications of the pharmacogenetic testing. Rom J Morphol Embryol. 2018;59(1):165-173
18. 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, Maria Puiu (*autor corespondenta) 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 Journal of Pediatric Endocrinology and Metabolism, 2018, https://doi.org/10.1515/jpem-2018-0288
19. Dragoș Erdelean, Simona Sorina Farcaș, Vladimir Poroch, Nicoleta Ioana Andreescu*, Izabella Erdelean, Andreea Iulia Dobrescu, Laura Alexandra Nussbaum, Lavinia Maria Hogea, Dan Navolan, Paul Tutac, Maria Puiu (*autor corespondenta) Association between thrombophilia gene polymorphisms and recurrent pregnancy REV.CHIM., 2018, 69(11):3122-3125. ISSN 2537-5733
20. NCD Risk Factor Collaboration (NCD-RisC)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 Mar 19.
21. Dumache R, Puiu M, Pusztai AM, Parvanescu R, Enache A. A Single Step Mutation at D3S1358 Locus in a DNA Paternity Testing with 2 Alleged Fathers. Clin Lab. 2018 Sep 1;64(9):1561-1571.
22. Belei O, Olariu L, Puiu M, Jinca C, Dehelean C, Marcovici T, Marginean O Continuous esomeprazole infusion versus bolus administration and second look endoscopy for the prevention of rebleeding in children with a peptic ulcer. Rev Esp Enferm Dig. 2018 Jun;110(6):352-357
23. Serafim V, Shah A, Puiu M, Andreescu N, Coricovac D, Nosyrev A, Spandidos DA, Tsatsakis AM, Dehelean C, Pinzaru. Classification of cancer cell lines using matrix-assisted laser desorption/ionization time of flight mass spectrometry and statistical analysis. Int J Mol Med. 2017 Oct;40(4):1096-1104.
24. Hogea LM, Nussbaum LA, Chiriac DV, Ageu LŞ, Andreescu NI, Grigoraş ML, Folescu R, Bredicean AC, Puiu M, Roşca ECI, Simu MA, Levai CM. Integrative clinico-biological, pharmacogenetic, neuroimagistic, neuroendocrinological and psychological correlations in depressive and anxiety disorders. Rom J Morphol Embryol. 2017;58(3):767-775.
25. C Perva, IT Perva, DD Rusu, N Andreescu, M Puiu Web based application for improving the education quality of young medical genetics healthcare professionals E-Health and Bioengineering Conference (EHB), 2017, 161-164
26. Cristian G Zimbru, Nicoleta Andreescu, Adela Chirita-Emandi, Ioan Silea, Maria Puiu, Mihai D Niculescu Analysis of decision tree performance in predicting the relationship between a scored outcome and multiple single nucleotide polymorphisms E-Health and Bioengineering Conference (EHB), 2017, 57-60
27. CG Zimbru, N Andreescu, A Chirita-Emandi, A Stanciu, Ioan Silea, Mihai D Niculescu, Maria Puiu Splice site pattern analysis and identification of similar sequences in the deep intron areas of human chromosome 21 E-Health and Bioengineering Conference (EHB), 2017, 145-148
28. NCD Risk Factor Collaboration (NCD-RisC). 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):2627-2642.
29. NCD Risk Factor Collaboration (NCD-RisC).Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19•1 million participants. Lancet. 2017 Jan 7;389(10064):37-55.
30. Chirită-Emandi A, Papa MC, Abrudan L, Dobrescu MA, Puiu M, Velea IP, Paul C. A novel method for measuring subcutaneous adipose tissue using ultrasound in children - interobserver consistency. Rom J Morphol Embryol. 2017;58(1):115-123
31. Aparaschivei, D., Todea, A., Păuşescu, I., et al. (2016). Synthesis, characterization and enzymatic degradation of copolymers of ε-caprolactone and hydroxy-fatty acids. Pure and Applied Chemistry, 88(12), pp. 1191-1201.
32. NCD Risk Factor Collaboration (NCD-RisC). A century of trends in adult human height. Elife. 2016 Jul 26;5. pii: e13410.
33. RADU-IOAN URSU, NATALIA CUCU, GEORGETA-FLORENTINA URSU, ILEANA CRACIUNESCU, EMILIA SEVERIN, MARIA PUIU, LYGIA ALEXANDRESCU Frequency study of the FTO and ADRB3 genotypes in a Romanian cohort of obese children ROMANIAN BIOTECHNOLOGICAL LETTERS 2016, 21(3): 11610-11620
34. 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.
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44. **M. Puiu**, M. Gafencu, G. Doros, D.Mihailov, D. Muntean. Genetics Education- experience in a genetic service. European Journal of Human Genetics, Vol.14 Supp. 1, pp. 376, ISSN 1018-4813, eISSN 1476-5438, 2006, Jurnal cotat ISI, factor de impact 3,697/ 2006.
45. **Maria Puiu**, Doru Vasilie, Vlad -Laurentiu David, Tamara Marcovici, Delia Mihailov, Clinical and Genetic Heterogenity in Autism,

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47. **Maria Puiu**, D. Stoicănescu, *Study of a consanguineous population from Banat country*, European Jurnal of Human Genetics, ISSN 1018-4813, eISSN 1476-5438, 2004, **Jurnal cotat ISI 2,741 - anul 2004**
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PARTICIPAREA IN PROIECTE SI PROGRAME DE CERCETARE DEZVOLTARE

1.	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	Coordonator UMFVBT
2.	Proiect cofinantat din FONDUL SOCIAL EUROPEAN prin Programul Operaţional Capital Uman 2014-2020 Axa prioritară: 4 Incluziunea socială şi combaterea sărăciei - Obiectiv specific: 4.8 - Îmbunătăţirea nivelului de competenţe al profesioniştilor 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)	Coordonator implementare
3.	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	Coordonator implementare
4.	Coordonator proiect: Centrul de Medicină Genomică v2; Universitatea de Medicină și Farmacie "Victor Babeș" Timișoara; ID: 1854; SMIS:487449 Nr.contract: 677/09.04.2015 POSCCE Operaţiunea 2.2.1: Dezvoltarea infrastructurii CD existente şi crearea de noi infrastructuri CD (laboratoare, centre de cercetare)	Coordonator Proiect
5.	Project „Quality Standards and Specific Performance Indicators for Health Education" POSDRU/18/1.2/G/40067POSDRU	Expert calitate pe termen scurt
6.	AXA PRIORITARĂ 1 "Educaţia şi formarea profesională în sprijinul creşterii economice şi dezvoltării societăţii bazate pe cunoaştere" DOMENIUL MAJOR DE INTERVENŢIE 1.5 "Programe doctorale şi postdoctorale în sprijinul cercetării" Parteneriat interuniversitar pentru cresterea calitatii si interdisciplinaritatii cercetarii doctorale medicale prin acordarea de burse doctorale – DocMed.net, 01.12.2010 - 30.11.2013	Expert pe termen lung
7.	HuRo - Screeningul bolilor metabolice la nou născut și diagnostic molecular genetic al bolilor ereditare: realizarea de infrastructura euroregionala, **Acronim:** SCREENGEN, 2011 – 2013	Membru in echipa
8.	Corelarea aspectelor clinice, genetice si epigenetice implicate in etiologia sindoamelor Prader Willi/Angelman: model de abordare multidisciplinara a bolilor rare in Romania, PNCD, Program Parteneriate, contract 42113, 2008-2011	Director de proiect
9.	Monitorizarea bolii minime reziduale in leucemiile acute limfoblastice la copil prin citometria in flux Multiparametrica, CNCSIS tip A, 2007-2008	Manager proiect
10.	Optimizarea managementului copiilor cu LAL prin folosirea tehnicilor de citogenetica moleculara (FISH) in protocolul de evaluare, CNCSIS tip A, 2007-2008	Director de proiect
11.	Optimizarea diagnosticului si managementului pacientilor cu retard mintal prin introducerea in protocolul de evaluare a testului MLPA, CNCSIS cod 832, 2006-2007	Responsabil partener
12.	Romanian National Alliance for Rare Diseases – RONARD, Trust for Civil Society for CEE, RO/IX 2006/123, 2007-2008	Coordonator specialisti, Director adjunct
13.	Corelatii intre distributia parenchimatoasa a elementelor de angio-si bilioarhitectura si segmentarea lobului caudat - Baze anatomice pentru chirurgia de rezectie si transplant, PNCDI 2 – Program 4 – Parteneriate, cod 2167/2007-2009	Membru in echipa de cercetare

14. Împreună pentru o viaţă mai bună pentru pacienţii cu boli rare din România, Matra Kap Programme, finantare Ambasada Regatului Ţărilor de Jos. 2005-2006	Coordonator specialisti
15. Rare Diseases Solidarity Project, Romanian National Alliance for Rare Diseases (RONARD), The Trust for Civil Society in Central & Eastern Europe ("CEE Trust") RO_X 2007_190, October 2008 - September 2009	Assistant manager
16. Programul National al MSP: PII/9: Managementul Registrelor de boli cronice la copil, 2008.	Coordonator proiect
17. Programul National al MSP: PII/9: Diagnosticul genetic al Miodistrofiilor Duchenne si Becker, 2009.	Coordonator proiect
18. Proiect NoRo - finantat de Innovation Norway, parteneri APWR, UMFT, Ministerul Sanatatii Publice, 2008-2011	Director adjunct, Responsabil partener UMFT
19. TREAT-NMD Neuromuscular Network “Accelerating Treatments for Neuromuscular Diseases”	Membru

Ianuarie, 2020

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