

INFORMAȚII PERSONALE **Puiu Maria**

☎ 0356 435811

✉ maria_puiu@umft.ro

☎ Fax: 0256 220479

EXPERIENȚA 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

EDUCAȚIE ȘI FORMARE

- 2010 **Certificat de absolvire a modului 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 Municipal Timisoara
- Medicina generala

COMPETENTE PERSONALE

Limba maternă Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	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
Cadru european comun de referință pentru limbi străine

Competențe 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.

Curriculum Vitae

Competențe organizaționale/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 (speaker, 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>)

Competențe dobândite la locul de muncă

Consult si sfat genetic in sindroamele dismorfe, 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.

Competențe 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 competențe

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 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 Excelență acordat de Revista viata Medicală, 2010, pentru întreaga activitate în domeniul bolilor rare

Premiu CMR, pentru MEDIC IMPLICAT, Gala Medica, Bucuresti, 2011

INFORMATII SUPLIMENTARE

Curriculum Vitae

Apartenența la organizații
profesionale
1. Naționale:

- **2010-2018 Presedinte executiv Societatea Romana de Genetica Medicala**
- 2007 Alianța Națională pentru Boli Rare (membru fondator și vicepresedinte)
- Societatea Romana de Pediatrie
- Societatea Romana de Hematologie
- Societatea Romana de Pediatrie Sociala
- Societatea Romana de Biochimie și Biologie Moleculara,
- Asociația Prader Willi din Romania (director adjunct)
- Organizația Salvatîi copiii (membru în colegiul director)
- Asociația Williams din Romania
- Coalitia Organizațiilor Pacienților cu Afecțiuni Cronice (COPAC).

2. Internaționale:

- 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)

Publicații(1982-2012)

- Cursuri: 9, Indrumatoare: 8, Volume colective: 14, Monografii: 12
- Articole publicate în volume de rezumate la congrese internaționale: 246
- Articole în extenso în reviste de circulație națională recunoscute: 234
- Articole publicate în volume de rezumate din țară: 261
- Lucruri comunicate în congrese și simpozioane naționale și internaționale: 266.

Proiecte:

- Proiecte de cercetare: 16 (5 director, 1 manager, 1 asistent manager, 1 responsabil partener, 2 reprezentant specialiști, 4 coordonator specialist, 2 membru în 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, între daruire și înțelegere, Ed. Brumar, Timisoara, 132 pag. ISBN 978-973-602-390-3, editura recunoscută CNCSIS, 2008
3. **Maria Puiu** (coordonator), Bolile rare, informații utile pentru părinți, Ed. Brumar, Timisoara, 92 pag. ISBN 978-973-602-391-0, editura recunoscută CNCSIS, 2008
4. **Maria Puiu** (coordonator), Esențialul în 101 boli genetice rare, Ed. Orizonturi Universitare, Timisoara, ISBN 978-973-638-327-4, editura recunoscută CNCSIS, 512 pagini, 2007
5. Cristina Rusu (coordonator), Metode uzuale în screeningul și diagnosticul bolilor genetice, Editura Gr. T. Popa U.M.F. Iași, ISBN 978-973-7682-31-4, editura recunoscută 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 vilozități corionice, pp 81- 86, Cariotipul, pp 105-112, 2007.
6. Mihai Gafencu, **Maria Julieta Puiu**, Violeta Stan, Gabriela Doroș, Sindromul Down de la îngrijire la înțelegere și acceptare, Ed. Brumar, ISBN 973-602-137-8, editura recunoscută 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, Dragoș Ștefănescu, Ionel Sandovici (coordonatori), Genetică medicală, Editura Polirom, Iași, ISBN 973-681-334-7, 607 pg, editura recunoscută CNCSIS, xxx pagini, **Maria Puiu**, capitol 6. Variabilitatea genetică (M. Covic, I. Dimofte, M. Puiu, I. Sandovici), pp 203-248, capitol 7. Genetica populațiilor (M. Covic, M. Puiu, E. Severin), pp 253-271, 2004.
8. **Maria Puiu**, Mic dicționar de genetică medicală, Ed. Eurobit, Timisoara, ISBN-973-9336-87-6, 210 pg, 1998
9. **Maria Puiu**, Genetica populațiilor 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 Chiriță - mandi, Raluca Gradinaru 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 și colab., Olimpia Tudose, **Maria Puiu**, Dorina Stoicanescu, *Diabetologie pediatrică – teorie și practică*, Capitolul, *Genetica diabetului zaharat tip 1*, Editura Marineasa, Timisoara, ISBN-973-9485-68-5, 2000.

III. Cursuri, îndreptare lucrări practice

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

Curriculum Vitae

- 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 Farcaș, 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 Farcaș, Cristina Popa, Kinga Rozsnyai, Genetica medicala – Aplicații practice, Ed. Orizonturi universitare, Timișoara, ISBN 973-638-111-0, 160 pagini, 2004
 7. **Maria Puiu**, Genetique medicale, cours et travaux 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, Timișoara, 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 médecine 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, Suci 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, Hogeia CM, Chiriță-Emandi A, Vlad A, Albai A, Nicolae G, Putnok 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-Khrouza 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, Albuiescu 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 MȘ, Iurciuc S, Ungureanu E, Dobrescu AI, Chiriță-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.

Curriculum Vitae

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 LȘ, Levai CM, Andreescu NI, Grigoraș ML, Hogeia 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 Hogeia, 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. Beleii 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. Hogeia LM, Nussbaum LA, Chiriac DV, Ageu LȘ, Andreescu NI, Grigoraș ML, Folescu R, Bredicean AC, Puiu M, Roșca ECI, Simu MA, Levai CM. Integrative clinico-biological, pharmacogenetic, neuroimaging, 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. Chiriță-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., Păușescu, 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.
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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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PARTICIPAREA IN PROIECTE SI PROGRAME DE CERCETARE DEZVOLTARE

- | | |
|--|--|
| <p>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</p> | <p>Coordonator
UMFVBT</p> |
| <p>2. Proiect cofinantat 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)</p> | <p>Coordonator
implementare</p> |
| <p>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</p> | <p>Coordonator
implementare</p> |
| <p>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 Operațiunea 2.2.1: Dezvoltarea infrastructurii CD existente și crearea de noi infrastructuri CD (laboratoare, centre de cercetare)</p> | <p>Coordonator Proiect</p> |
| <p>5. Proiect „Quality Standards and Specific Performance Indicators for Health Education” POSDRU/18/1.2/G/40067POSDRU</p> | <p>Expert calitate pe termen scurt</p> |
| <p>6. AXA PRIORITARĂ 1 “Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere” DOMENIUL MAJOR DE INTERVENȚIE 1.5 “Programe doctorale și postdoctorale în sprijinul cercetării” Parteneriat interuniversitar pentru creșterea calitatii și interdisciplinarității cercetării doctorale medicale prin acordarea de burse doctorale – DocMed.net, 01.12.2010 - 30.11.2013</p> | <p>Expert pe termen lung</p> |
| <p>7. HuRo - Screeningul bolilor metabolice la nou născut și diagnostic molecular genetic al bolilor ereditare: realizarea de infrastructura euroregionala, Acronim: SCRENGEN, 2011 – 2013</p> | <p>Membri in echipa</p> |
| <p>8. Corelarea aspectelor clinice, genetice si epigenetice implicate in etiologia sindromelor Prader Willi/Angelman: model de abordare multidisciplinara a bolilor rare in Romania, PNCD, Program Parteneriate, contract 42113, 2008-2011</p> | <p>Director de proiect</p> |
| <p>9. Monitorizarea bolii minime reziduale in leucemiile acute limfoblastice la copil prin citometria in flux Multiparametrica, CNCSIS tip A, 2007-2008</p> | <p>Manager proiect</p> |
| <p>10. Optimizarea managementului copiilor cu LAL prin folosirea tehnicilor de citogenetica moleculara (FISH) in protocolul de evaluare, CNCSIS tip A, 2007-2008</p> | <p>Director de proiect</p> |
| <p>11. Optimizarea diagnosticului si managementului pacientilor cu retard mintal prin introducerea in protocolul de evaluare a testului MLPA, CNCSIS cod 832, 2006-2007</p> | <p>Responsabil partener</p> |
| <p>12. Romanian National Alliance for Rare Diseases – RONARD, Trust for Civil Society for CEE, RO/IX 2006/123, 2007-2008</p> | <p>Coordonator specialisti,
Director adjunct</p> |
| <p>13. Corelatii intre distributia parenchimotoasa 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</p> | <p>Membri in echipa de cercetare</p> |

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14. Împreună pentru o viață mai bună pentru pacienții cu boli rare din România, Matra Kap Programme, finantare Ambasada Regatului Țărilor 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

Prof. Dr. Maria Puiu

