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

EXPERIENTA 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 50 de lucrari de licenta.

Competenţe organizaţionale/manageriale

Coordonez Disciplina de Genetica a Universitatii de Medicina si Farmacie Victor Babes din Timisoara din 2012

Past- presedinte al Societatii Romane de Genetica Medicala.
Coordonator Centru Regional de Genetica Medicala Timis

Presedintele Comisiei de Genetica medicala a MS,
Presedinte Consiliul National pentru Boli rare, Romania

Colaborez de peste 20 ani cu Organizatia Salvati copiii (din 2008 sunt membru in colegiul director), de peste 15 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 - 2020, Simpozionul “Trust of Trust”, Cluj, 2008, Conferinta est europeana Prader Willi syndrome, 2009, Timisoara, Conferinta balcanica de boli rare, 2009, Cluj, etc).

Am participat la creionarea si implementarea primului Plan 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 - 2020, Meduse Conference (2007, Paris), EPOSSI Workshop (speacher, 2008), FRAMBU, Norvegia (2008), 2019 (Cuba), 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-pa - Alianţa Naţională pentru Boli Rare (membru fondator si vicepresedinte) ▪ Societatea Romana de Pediatrie ▪ Societatea Romana de Pediatrie Sociala ▪ Societatea Romana de Biochimie si Biologie Moleculara,
2. Internationale:	▪ American Society of Human Genetics (ASHG) ▪ European Society of Human Genetics (ESHG) ▪ European Cytogenetics Association (ECA) ▪ European Society for Clinical Investigation (ESCI)
Publicaţii (1982-2020)	▪ 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, 2 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 - Emandi, 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. Belengeanu V, **Puiu M**, 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. Belengeanu V, **Puiu M**, Stoicanescu D, Gug,C, Mihăescu M, Farcaş S, Popa C, Rozsnyai K, Genetica medicala – Aplicaţii practice, Ed. Orizonturi universitare, Timişoara, ISBN 973-638-111-0, 160 pagini, 2004
7. **Puiu M**, Genetique medicale, cours et traveaux pratiques, Ed. 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 (2021-2008)

1. Jurcă MC, Iuhas OA, **Puiu M**, Chiriţă-Emandi A, Andreescu NI, Petcheşi CD, Jurcă AD, Magyar I, Jurcă SI, Kozma K, Severin EM, Bembea M, Cardiofaciocutaneous syndrome - a longitudinal study of a case over 33 years: case report and review of the literature, Rom J Morphol Embryol. 2021 Apr-Jun;62(2):563-568. https:doi.10.47162/RJME.62.2.23
2. Alin Viorel Istodor, Laura-Cristina Rusu, Gratiela Georgiana Noja, Alexandra Roi, Ciprian Roi, Emanuel Bratu, Georgiana Moise, **Maria Puiu**, Simona Sorina Farcas, Nicoleta Ioana Andreescu* An observational study on cephalometric characteristics and patterns associated with the Prader–Willi Syndrome: A structural equation modelling and network approach *Appl. Sci.* **2021**, *11*(7), 3177; **https://doi.org/10.3390/app11073177**
3. Adriana Cojocaru, Lavinia Maria Hogea, Vladimir Poroch, Mihaela Adriana Simu, Virgil Radu Enatescu, Roxana Jeleriu, Nicoleta Ioana Andreescu, **Maria Puiu**, Bogdan Gheorghe Hogea, Mirela Grigoras, Roxana Folescu, Carmen Lăcrămioara Zamfir, Ileana Enatescu and Laura Alexandra Nussbaum Effectiveness of Psychostimulant and Non-Psychostimulant Drug Therapy in the Attention Deficit Hyperactivity Disorder Appl. Sci. 2021, 11, 502. https://doi.org/10.3390/app11020502
4. B. Doroftei, O. D. Ilie, **M. Puiu**, A. Ciobica, C. Ilea, Mini-Review Regarding the Applicability of Genome Editing Techniques Developed for Studying Infertility Diagnostics 2021, 11, 246. https://doi.org/10.3390/diagnostics11020246
5. D. M. Dreavă, I. C. Benea, I. Bîtcan, A. Todea, E. Șișu, M. Puiu, F. Peter, Biocatalytic Approach for Novel Functional Oligoesters of ε-Caprolactone and Malic Acid *Biocatalytic Approach for Novel Functional Oligoesters of ε-Caprolactone and Malic Acid*, Processes 2021, 9, 232. https://doi.org/10.3390/pr9020232
6. NCD Risk Factor Collaboration (NCD-RisC), **M. Puiu**, *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, Lancet 2020; 396: 1511–24
7. Bojin L. ., M. Georgescu, Cojocaru C., M. C. Pascariu, V.L. Purcarea, M. V. Ivan, **M. Puiu**, Dehelean C., Serb AF., E. Sisu, MN. Penescu, Structural investigation of raw and modified glycans by maldi-tof mass spectrometry, Farmacia, 2020, Vol. 68, 5, 891-897
8. Chirita-Emandi, A., Andreescu, N., Zimbru, C.G., ...Serban, M., **Puiu, M**., Challenges in reporting pathogenic/potentially pathogenic variants in 94 cancer predisposing genes - in pediatric patients screened with NGS panels, Scientific Reports, 2020, 10(1), 223
9. Popa, C.A., **Puiu, M**., Andreescu, N.I., ...Hut, E.F., Arghirescu, S.T., The importance of classical and molecular cytogenetics in the diagnosis of microdeletions microduplications syndromes, Revista de Chimie, 2020, 71(5), pp. 373-379
10. Dumache, R., **Puiu, M**., Mihailescu, A., Enache, A., Detection of Mutations in Short Tandem Repeats (STRs) loci in paternity testing in romanian population, Clinical Laboratory, 2020, 66(8), pp. 1609-1613
11. Tutac, P., Meszaros, N., Andreescu, N., ...Amzar, D., **Puiu, M**., Vascular endothelial growth factor gene polymorphisms in women who experienced repeated pregnancy losses, Revista de Chimie, 2020, 71(3), pp. 335-341
12. Doroftei, B., Nemtanu, L., Ilie, O.-D., ...**Puiu, M**., Maftei, R., In vitro fertilisation (Ivf) associated with preimplantation genetic testing for monogenic diseases (pgt-m) in a romanian carrier couple for congenital disorder of glycosylation type ia (cdg-ia): A case report, Genes, 2020, 11(6), pp. 1-11, 697
13. Zimbru, C.G., Albu, A., Andreescu, N., Chirita-Emandi, A., Puiu, M., Determining splicing signal variation in humans by analyzing the regulatory splicing motifs, 2019 7th E-Health and Bioengineering Conference, EHB 2019, 8969983
14. Zimbru, C.G., Andreescu, N., Albu, A., ...Stanciu, A., **Puiu, M**. Performance evaluation of in silico predictors for the classification of clinvar variants, 2019 7th E-Health and Bioengineering Conference, EHB 2019, 8969963
15. 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.

16. 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).

17. 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)

18. 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.

19. NCD Risk Factor Collaboration, **Puiu, M**. Rising rural body-mass index is the main driver of the global obesity epidemic in adults (2019) Nature, 569 (7755), pp. 260-264.

20. 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.

21. 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

22. **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.

23. 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.

24. 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, .

25. 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.

26. 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.

27. Chelban V, Alsagob M, Kloth K, Chirita-Emandi A, Vandrovcova J, Maroofian R, **Puiu M**., et al. Genetic and phenotypic characterization of NKX6-2-related spastic ataxia and hypomyelination. (2019) European Journal of Neurology, DOI: 10.1111/ene.14082

28. 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.

29. Stoica F, Chirita-Emandi A, Andreescu N, Stanciu A, CG. Zimbru, **Puiu M**, 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

30. 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

31. Chirita Emandi A, Munteanu D, Andreescu N*, P. Tutac, Paul C, I.P. Velea, Pusztai AM, Hlistun V, C. Boiciuc, Sacara V, Vudu L, N Usurelu, **Puiu M**., 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

32. D. Erdelean, Farcaș S, V. Poroch, Andreescu N*, Erdelean I, Dobrescu AI, Nussbaum LA, Hogea LM, D. Navolan, P. Tutac, **Puiu M**., Association between thrombophilia gene polymorphisms and recurrent pregnancy REV.CHIM., 2018, 69(11):3122-3125. ISSN 2537-5733

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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 2018-2022	Coordonator UMFVBT
2. Proiect cofinantat din FONDUL SOCIAL EUROPEAN prin Programul Operaţional Capital Uman 2014-2020 - Obiectiv specific: 4.8 - Îmbunătăţirea nivelului de competenţe al profesionişţilor 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 implementae
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)** 2016-2020.	Coordonator implementae Manager stiintific
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" "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. 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
15. Proiect NoRo - finantat de Innovation Norway, parteneri APWR, UMFT, Ministerul Sanatatii Publice, 2008- 2011	Responsabil partener UMFT

ianuarie 2022 **Prof. Dr. Maria Puiu**