

## INFORMAȚII PERSONALE

## Anca Botezatu

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Sexul Feminin | Data nașterii 10/12/1978 | Naționalitatea Romana

## EXPERIENȚA PROFESIONALĂ

01.03.2023-prezent

**Cercetator stiintific I , Coordonator Departament Virusologie Moleculara**

Institutul de Virusologie "St. S. Nicolau, Mihai Bravu nr.285,030304, Sector 3, Bucuresti  
<https://virology.ro/>

- Coordonarea departamentului de Virusologie Moleculara, implicarea in diverse teme de cercetare privind oncogeneza cervicala indusa de HPV, studii epigenetice in infertilitatea masculina, studiul molecular al cancerului tiroidian, studiul molecular al variantelor SARS-CoV2.

Tipul sau sectorul de activitate Cercetare

01.08.2017-28.02.2023

**Cercetator stiintific II , Coordonator Departament Virusologie Moleculara**

Institutul de Virusologie "St. S. Nicolau, Mihai Bravu nr.285,030304, Sector 3, Bucuresti  
<https://virology.ro/>

- Coordonarea departamentului de Virusologie Moleculara, Implicarea in diverse proiecte de cercetare privind oncogeneza cervicala, Infertilitatea masculina, studiul cancerului tiroidian, monitorizarea variantelor SARS-CoV2 in pandemia Covid19.

Tipul sau sectorul de activitate Cercetare

01.11.2011-01.08.2017

**Cercetator stiintific III**

Institutul de Virusologie "St. S. Nicolau, Mihai Bravu nr.285,030304, Sector 3, Bucuresti  
<https://virology.ro/>

- Implicarea in diverse proiecte de cercetare privind aspecte epigenetice in oncogeneza cervicala, boli rare, cancerul tiroidian si de pancreas .

Tipul sau sectorul de activitate Cercetare

01.09.2006-01.12.2011

**Cercetator stiintific**

Institutul de Virusologie "St. S. Nicolau, Mihai Bravu nr.285,030304, Sector 3, Bucuresti  
<https://virology.ro/>

- Implicarea in diverse proiecte de cercetare privind aspecte genetice si epigenetice in oncogeneza cervicala, imbatranire si boli rare.

Tipul sau sectorul de activitate Cercetare

08.2003- 11.2003

**Referent stiintific**

Hypericum S.R.L. Str. Sergent Moise Constantin nr. 40, Bucuresti, Sector 6, Bucuresti  
Alcatuirea dosarelor pentru aprobarea unor produse farmaceutice si parafarmaceutice

Tipul sau sectorul de activitate Comercializare produse farmaceutice si parafarmaceutice

- 02.2002- 08.2003 **Asistent cercetare stiintifica**  
 Institutul de Biochimie, Splaiul Independentei nr. 296, Cod 60031, Bucuresti, <https://www.biochim.ro/>  
 Culturi celulare vegetale, Inginerie genetica.
- Tipul sau sectorul de activitate Cercetare
- 11.2001 – 02.2002 **Asistent cercetare stiintifica stagiar**  
 Institutul de Biochimie, Splaiul Independentei nr. 296, Cod 60031, Bucuresti, <https://www.biochim.ro/>  
 ▪ Culturi celulare vegetale, Inginerie genetica.
- Tipul sau sectorul de activitate Cercetare

EDUCAȚIE ȘI FORMARE

10. 2007-12.2010 **Doctorat in Medicina** Nivel 8 EQF  
 Academia Romana, Institutul de Virusologie "Stefan S. Nicolau"  
 ▪ Studiul instabilitatii genomice in cancerul de col uterin (ordinul 4387/06.06.2011)  
 ▪ Genotiparea HPV. Identificarea unor factori moleculari in oncogeneza cervicala, stabilirea rolului unor potentiali markeri epigenetici in cancerul cervical Ex.:microARN cu posibilitati de utilizare in scopuri medicale (diagnostic molecular)
- 01.10.2004 – 06.2006 **Master in Genetica** Nivel 7 EQF  
 Universitatea Bucuresti Facultatea de Biologie  
 ▪ Analiza genomului uman, identificarea markerilor moleculari si cromozomali in stari normale si patologice, utilizare de modele experimentale, analiza genetica, bioinformatica
- 01.10.1997-06.2001 **Licenta in Biologie** Nivel 6 EQF  
 Universitatea Bucuresti Facultatea de Biologie  
 ▪ Biologie celulara si genetica
- 01.09.1993-06.1997 **Diploma de Bacalaureat** Nivel 4 EQF  
 Colegiul Național „Grigore Moisil”, București, Secția: Științele naturii- Chimie-Biologie.

COMPETENȚE PERSONALE

Limba(i) maternă(e) Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Limba engleza	C1	C1	C1	C1	C1
Limba franceza	B1	C1	B1	B1	C1

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

Competențe de comunicare ▪ Bune competențe de comunicare dobândite prin lucrarile sustinute la diverse conferinte stiintifice nationale si internationale

Competențe organizaționale/manageriale ▪ Coordonarea și participarea în proiecte naționale și internaționale de cercetare.  
 ▪ Coordonarea Laboratorului de Virusologie Moleculara din cadrul Institutului de Virusologie „Stefan S. Nicolau” diin septembrie 2021

Competențe dobândite la locul de muncă

- Competente tehnice de laborator
- Tehnici de investigarea ale acizilor nucleici (Izolare acizi nucleici, PCR, PCR-RFLP, SSCP, Reverstranscriere, Real Time-PCR Microarray)
  - Tehnici de secventiere: Secventiere Sanger , Next-Generation Sequencing,
  - Tehnici de investigare a fenomenelor epigenetice: Chromatin Immunoprecipitation, MS-PCR
  - Tehnici de analiza a proteinelor: Western Blot, ELISA
  - Tehnici culturi celulare (cultivare, transfectie, clonare)
  - Tehnici de analiza a microbiotei si genotiparea HPV
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Competențe informatice

- Buna utilizare a componentelor Microsoft Office (organizarea fișierelor, programele Word, Excell, Powerpoint, baze de date, Internet);
- Bune cunoștințe de utilizare a software-urilor de biostatistica (GraphPad Prism, SPSS,);
- Utilizarea aplicațiilor de bioinformatica, consultarea bazelor de date dedicate si analiza de date provenite din secvențiere (EasyMap, EaSeq, IPA, Dragen,, Galaxy, etc.).

Alte competențe

- Autorizației de libera practica (OBBCSSR) - biolog in sistemul sanitar.

Permis de conducere

- Nu

INFORMATII SUPLIMENTARE

Publicații

**Articole in extenso publicate in reviste cotate ISI (cu factor de impact):**

1. Gurban P., Mambet C., Botezatu A., Necula L.G., Matei L., Neagu A.I., Pitica I., Ataman M., Tatic A., Bardas A., Gaman M.A., Dobrea C., Dragomir M., Ghimici C., Angelescu S., Barbu D., Stanca O., Danila M., Berbec N., Colita A., Vladareanu A.M., Nedeianu S., Chivu-Economescu M., Bleotu C., Coriu D., Sepulchre E., Anton G., Diaconu C.C., Constantinescu S.N. Dominance of mutations in epigenetic regulators and a diversity of signaling alterations in blast-phase BCR::ABL1-negative myeloproliferative neoplasms. *American Journal Of Hematology* Oct. 2024, doi:10.1002/ajh.27503. **IF=10.1; Q1**
2. Fudulu A., Bostan M., Iancu I.V., Plesa A., Albulescu A., Stoian I.L., Socolov D.G., Anton G., **Botezatu A.** Assessing the methylation status of two potential key factors involved in cervical oncogenesis. *Reports* Sep 2024, 7, doi:10.3390/reports7030071. **IF=0.8; Q3.**
3. Gurban P., Mambet C., **Botezatu A.**, Necula L.G., Matei L., Neagu A.I., Pitica I.M., Dragu L.D., Schulman A.N., Ataman M., Nedeianu S., Chivu-Economescu M., Bleotu C., Anton G., Diaconu C.C. Increased mRNA expression for serotonin receptor 1B (HTR1B) is associated with thrombosis in BCR::ABL1-negative myeloproliferative neoplasms. *Journal of Cellular and Molecular Medicine* Aug 2024, 28, doi:10.1111/jcmm.70024. **IF=4.3; Q2,**
4. Gaman M.A., Mambet C., Neagu A.I., Bleotu C., Gurban P., Necula L., **Botezatu A.**, Ataman M., Diaconu C.C., Ionescu B.O., Ghiur A.E., Tatic A., Coriu D., Gaman A.M., Diaconu C.C. Assessment of total antioxidant capacity, 8-hydroxy-2'-deoxy-guanosine, the genetic landscape, and their associations in BCR::ABL1-negative chronic and blast phase myeloproliferative neoplasms. *International Journal of Molecular Sciences* Jun 2024, 25, doi:10.3390/ijms25126652. **IF=4.9; Q1.**
5. Fudulu A., Diaconu C.C., Iancu I.V., Plesa A., Albulescu A., Bostan M., Socolov D.G., Stoian I.L., Balan R., Anton G., **Botezatu A.** Exploring the role of E6 and E7 oncoproteins in cervical oncogenesis through MBD2/3-NuRD complex chromatin remodeling. *Genes* May 2024, 15, doi:10.3390/genes15050560. **IF=2.8; Q2.**
6. Iancu I.V., Diaconu C.C., Plesa A., Fudulu A., Albulescu A., Neagu A.I., Pitica I.M., Dragu L.D., Bleotu C., Chivu-Economescu M., Matei L., Mambet C., Nedeianu S., Popescu C.P., Sultana C., Ruta S.M., **Botezatu A.** LncRNAs expression profile in a family household cluster of COVID-19 patients. *Journal of Cellular and Molecular Medicine* Apr 2024, 28, doi:10.1111/jcmm.18226. **IF=4.3; Q2.**
7. Gurban P., Mambet C., **Botezatu A.**, Necula L.G., Neagu A.I., Matei L., Pitica I.M., Nedeianu S., Chivu-Economescu M., Bleotu C., Ataman M., Mocanu G., Saguna C., Pavel A.G., Stambouli D., Sepulchre E., Anton G., Diaconu C.C., Constantinescu S.N. Leukemic conversion involving Ras mutations of type 1 CALR-mutated primary myelofibrosis in a patient treated for HCV cirrhosis: A case report. *Frontiers in Oncology* Sep 2023, 13, doi:10.3389/fonc.2023.1266996. **IF= 3.5;Q2.**
8. Stoian I.L., **Botezatu A.** (autor corespondent), Fudulu A., Ilea C.G., Socolov D.G. Exploring microbiota diversity in cervical lesion progression and HPV infection through 16S rRNA gene metagenomic sequencing. *Journal of Clinical Medicine* Aug 2023, 12, doi:10.3390/jcm12154979. **IF= 3, Q1. Citări=1**
9. Catana R.D., Moldoveanu M.M., Mihai R.A., **Botezatu A.**, Albulescu A., Kosakyan A., Florescu L. Screening of phytoresources from the Romanian flora with medical applications against COVID – review. *International Journal of Ayurvedic Medicine* Jul-Sep 2023, 14, 624-634. **IF= 0.1 Q4.**
10. **Botezatu A.**, Vladoiu S., Fudulu A., Albulescu A., Plesa A., Muresan A., Stancu C., Iancu I., Diaconu C.C., Velicu A., Popa O.M., Badiu C., Dinu-Drăganescu D. Advanced molecular approaches in male infertility diagnosis. *Biology of Reproduction* Sep 2022, 107, 684-704, doi:10.1093/biolre/loac105. **IF= 3.6 , Q2.Citări=1**
11. Chivu-Economescu M., Bleotu C., Grancea C., Chiariac D., **Botezatu A.**, Iancu I.V., Pitica I., Necula L.G., Neagu A., Matei L., Dragu D., Sultana C., Radu E.L., Nastasie A., Voicu O., Ataman M., Nedeianu S., Mambet C., Diaconu C.C., Ruta S.M. Kinetics and persistence of cellular and humoral immune responses to SARS-Cov-2 vaccine in healthcare workers with or without prior COVID-19. *Journal of Cellular and Molecular Medicine* Feb 2022, 26, 1293-1305, doi:10.1111/jcmm.17186. **IF= 5.3, Q2. Citări=24**
12. Hotoboc I.E., Fudulu A., Grigore R., Bertesteanu S., Huica I., Iancu I.V., **Botezatu A.**, (contributie egala), Bleotu C., Anton G. The association between lncRNA H19 and Ezh2 expression in patients with EBV-positive laryngeal carcinoma. *Acta Otorhinolaryngologica Italica* Dec 2021, 41, 537-543, doi:10.14639/0392-100x-n1527. **IF=2.618, Q2. Citări=2**
13. Albulescu A., Plesa A., Fudulu A., Iancu I.V., Anton G., **Botezatu A.** Epigenetic approaches for cervical neoplasia screening (review). *Experimental and Therapeutic Medicine* Dec 2021, 22, doi:10.3892/etm.2021.10916 **IF=2.751, Q3. Citări=14**
14. Marcu A., Colita A., Radu L.E., Jercan C.G., Bica A.M., Asan M., Coriu D., Tanase A.D., Diaconu C.C., Mambet C., **Botezatu A.**, Pasca S., Teodorescu P., Anton G., Gurban P., Colita A. Single-center experience with epigenetic treatment for juvenile myelomonocytic leukemia. *Frontiers in Oncology* Apr 2020, 10, doi:10.3389/fonc.2020.00484. **IF= 5.738, Q2 , Citări=7**

## Publicații

15. Iancu I.V., **Botezatu A.**, (autor corespondent), Plesa A., Huica I., Fudulu A., Albulescu A., Bostan M., Mihaila M., Grancea C., Manda D.A., Dobrescu R., Vladoiu S.V., Anton G., Badiu C.V. Alterations of regulatory factors and DNA methylation pattern in thyroid cancer. *Cancer Biomarkers* May 2020, 28, 255-268, doi:10.3233/cbm-190871. **IF=4.388, Q2. Citări=15**
16. Huica I., Iancu I.V., **Botezatu A.**, Plesa A., Socolov D., Teleman S., Anton G. Factors associated with persistence of HPV genital infection in a small cohort of romanian women. *Acta Clinica Croatica* Sep 2019, 58, doi:10.20471/acc.2019.58.03.02. **IF= 0.532, Q3. Citări=7**
17. Plesa A., Socolov D., Huica I., **Botezatu A.** (contributie egala), Iancu I.V., Ungureanu C., Teleman S., Albulescu A., Fudulu A., Anton G. High-risk human papillomaviruses distribution in Romanian women with negative cytology. *Journal of Infection in Developing Countries* Apr 2019, 13,doi:10.3855/jidc.11103. **IF= 0.703, Q4. Citări=1**
18. Hotnog C.M., Mihaila M., Puiu L., **Botezatu A.**, Roman V., Popescu I.D., Bostan M., Brasoveanu L.I. Modulation of the interplay between p53, ICAM-1 and VEGF in drug-treated LoVo colon cancer cells. *Romanian Biotechnological Letters* Mar-Apr 2019, 24, doi:10.25083/rbl/24.2/261.270. **IF=0.765;Q4. Citări=7**
19. **Botezatu A.**, Iancu I.V., Plesa A., Manda D., Popa O., Bostan M., Mihaila M., Albulescu A., Fudulu A., Vladoiu S.V., Huica I., Dobrescu R., Anton G., Badiu C. Methylation of tumour suppressor genes associated with thyroid cancer. *Cancer Biomarkers* Apr 2019, 25, 53-65, doi:10.3233/cbm-182265. **IF=3.436, Q2. Citări=22**
20. Diaconu C.C., Mambet C., Necula L.G., Gurban P., Matei L., Aldea-Pitica I.M., Neagu A.I., **Botezatu A.**, Bleotu C., Chivu-Economescu M., Roman V., Coriu D., Constantinescu S. Triple negative myeloproliferative neoplasms – sometimes driver mutations stay low-key in plain sight. *Romanian Biotechnological Letters* Jul-Aug 2018, 23, doi:10.26327/rbl2017.12. **IF=0.590;Q4 Citări=1**
21. Iancu I.V., Anton G., **Botezatu A.** (autor correspondent), Huica I., Nastase A., Socolov D.G., Stanescu A.D., Dima S.O., Bacalbasa N., Plesa A. linc01101 and linc00277 expression levels as novel factors in HPV-induced cervical neoplasia. *Journal of Cellular and Molecular Medicine* Dec 2017, 21, 3787-3794, doi:10.1111/jcmm.13288. **IF= 4.302, Q1. Citări=29**
22. Vladoiu S., **Botezatu A.**, Anton G., Manda D., Paun D.L., Oros S., Rosca R., Draganescu D.D. The involvement of VDR promoter methylation, CDX-2 VDR polymorphism and vitamin D levels in male infertility. *Acta Endocrinologica-Bucharest* Jul-Sep 2017, 13, doi:10.4183/aeb.2017.294. **IF=0.411, Q4 Citări=10**
23. Rosca A., Anton G., **Botezatu A.**, Temereanca A., Ene L., Achim C., Ruta S. Mir-29a associates with viro-immunological markers of HIV infection in treatment experienced patients. *Journal of Medical Virology* Dec 2016, 88,doi:10.1002/jmv.24586. **IF= 1.935, Q3. Citări=22**
24. Vladoiu S., Draganescu D.D., **Botezatu A.**, Anton G., Oros S., Paun D.L., Ianas O., Rosca R., Badiu C. Correlations between polymorphisms of estrogen 1, vitamin d receptors and hormonal profile in infertile men. *Acta Endocrinologica-Bucharest* Apr 2016, 12, doi:10.4183/aeb.2016.137. **IF=0.250, Q4. Citări=7**
25. **Botezatu A.**, Puiu M., Cucu N., Diaconu C.C., Badiu C., Arsene C., Iancu I.V., Plesa A., Anton G. Comparative molecular approaches in prader-willi syndrome diagnosis. *Gene* Jan 2016, 575, doi:10.1016/j.gene.2015.08.058. **IF= 2.415, Q3. Citări=4**
26. Iancu I.V., **Botezatu A.**, Plesa A., Huica I., Socolov D., Anton G. Histone lysine demethylases as epigenetic modifiers in HPV-induced cervical neoplasia. *Romanian Biotechnological Letters* Mar-Apr 2015, 20, 10236-10244. **IF= 0.381;Q4 Citări=7**
27. **Botezatu A.**, Bleotu C., Nastase A., Anton G., Bacalbasa N., Duda D., Dima S.O., Popescu I. Epigenetic silencing of GNMT gene in pancreatic adenocarcinoma. *Cancer Genomics & Proteomics* Jan-Feb 2015, 12, 21-30. **IF=2.800, Q2 Citări=12**
28. Plesa A., Anton G., Iancu I.V., Diaconu C.C., Huica I., Stanescu A.D., Socolov D., Nistor E., Popa E., Stoian M., **Botezatu A.** Molecular variants of human papilloma virus 16 e2, e4, e5, e6 and e7 genes associated with cervical neoplasia in romanian patients. *Archives of Virology* Dec 2014, 159, doi:10.1007/s00705-014-2199-8 **IF=2.390, Q3. Citări=12**
29. Cernescu E., Ruta S., **Botezatu A.**, Anton G., Cernescu C. Impact of education level and life-style related factors on high-risk human papillomaviruses infections. *Romanian Biotechnological Letters* Mar-Apr 2014, 19, 9272-9279. **IF=0.404;Q4 Citări=1**
30. **Botezatu A.**, Socolov R., Socolov D., Iancu I.V., Anton G. Methylation pattern of methylene tetrahydrofolate reductase and small nuclear ribonucleoprotein polypeptide n promoters in oligoasthenospermia: A case-control study. *Reproductive Biomedicine Online* Feb 2014, 28, doi:10.1016/j.rbmo.2013.10.010 **IF=3.0.15, Q1. Citări=38**
31. Hotnog D., Mihaila M., **Botezatu A.**, Matei G.G., Hotnog C., Anton G., Bostan M., Brasoveanu L.I. Genistein potentiates the apoptotic effect of 5-fluorouracyl in colon cancer cell lines. *Romanian Biotechnological Letters* Nov-Dec 2013, 18, 8751-8760.. **IF=0.351;Q4 Citări=11**
32. **Botezatu A.**, Socolov D., Iancu I.V., Huica I., Plesa A., Ungureanu C., Anton G. Methylentetrahydrofolate reductase (MTHFR) polymorphisms and promoter methylation in cervical oncogenic lesions and cancer. *Journal of Cellular and Molecular Medicine* Apr 2013, 17, 543-549, doi:10.1111/jcmm.12032. **IF= 3.698, Q1. Citări=25**
33. Bleotu C., Pircalabionu G., Dragusel R., Aldea I.M., **Anca B.**, Banu O., Mihaescu G., Cernescu C.E., Diaconu C.C. Modulation of interaction between virus and eukaryotic host by exposure to *S. aureus* bacterial soluble fractions. *Current Organic Chemistry* Jan 2013, 17, doi:10.2174/1385272811317020009. **IF= 2.537;Q2**
34. Arsene C., Zarnescu O., Puiu M., Anton G., **Botezatu A.**, Popa C., Cucu N. Epigenetic approach of Prader-Willi syndrome diagnosis in Romanian population. *Romanian Biotechnological Letters* Nov-Dec 2012, 17, 7846-7852. **IF=0.363;Q4 Citări=1**
35. Bubenek S., Nastase A., Niculescu A.M., Baila S., Herlea V., Lazar V., Paslaru L., **Botezatu A.**, Tomescu D., Popescu I., Dima S. Assessment of gene expression profiles in peripheral occlusive arterial disease. *Canadian Journal of Cardiology* Nov-Dec 2012, 28, doi:10.1016/j.cjca.2012.03.013. **IF= 3.122. Q2. Citări=15**
36. Huica I., **Botezatu A.**, Iancu I.V., Lupeanu E., Anton M., Goia C.D., Anton G. Genetic and epigenetic aspects in cardio-vascular disease and ageing. *Romanian Biotechnological Letters* Sep-Oct 2011, 16, 6488-6496. **IF=0.349;Q4. Citări=3**
37. **Botezatu A.**, Goia-Rusanu C.D., Stanescu A.D., Iancu I.V., Popa E., Nistor E., Huica I., Anton G., Plesa A. WWP1, TGF beta and KLF5 gene expression levels as new possible factors involved in cervical oncogenesis. *Revista Romana De Medicina De Laborator* Mar 2011, 19, 47-54.. **IF= 0.091;Q4**

## Publicații

38. Anton G., Peltecu G., Socolov D., Comitescu F., Bleotu C., Sgarbura Z., Telesan S., Ilescu D., **Botezatu A.**, Goia C.D., Huica I., Anton A.C. Type-specific human papillomavirus detection in cervical smears in Romania. *Apmis* Jan 2011, 119, 1-9, doi:10.1111/j.1600-0463.2010.02641.x. **IF= 1.991, Q3 Citări=4**
39. **Botezatu A.**, Goia-Rusanu C.D., Iancu I.V., Huica I., Plesa A., Socolov D., Ungureanu C., Anton G. Quantitative analysis of the relationship between microRNA-124a,-34b and-203 gene methylation and cervical oncogenesis. *Molecular Medicine Reports* Jan-Feb 2011, 4, doi:10.3892/mmr.2010.394. **IF= 0.418, Q4 Citări=35**
40. Goia C.D., Iancu I.V., Socolov D., **Botezatu A.**, Lazaroiu A.M., Huica I., Plesa A., Anton G. The expression of cell cycle regulators in HPV – induced cervical carcinogenesis. *Romanian Biotechnological Letters* Jul-Aug 2010, 15, 5376-5383. **IF=0.219;Q4 Citări=1**
41. Puiu M., Rusu C., Badiu C., Dan D., **Botezatu A.**, Cucu N. Prader-willi syndrome and diagnostic protocols: A preliminary study in Romania. *Revista Romana De Medicina De Laborator* Mar 2010, 18, 15-22.. **IF= 0.113;Q4**
42. Bleotu C., **Botezatu A.**, Goia C., Socolov D., Dragomir L., Popa E., Comitescu F., Telesan S., Anton G. Htert expression as a potential diagnostic marker. *Romanian Biotechnological Letters* Jan-Feb 2010, 15, 4922-4930. **IF=0.219;Q4**

**Articole in extenso publicate in reviste cotate ISI (fara factor de impact):**

1. Amfim A., **Botezatu A.**, Anton G., Burlibasa L., Zarnescu O., Albu C., Matei M., Tanasa A., Radu L.G., Alexandrescu L. Canine model for the study of the epigenetic factors involved in mammary tumor development. *Biointerface Research in Applied Chemistry* Feb 2021, 11, doi:10.33263/BRIAC111.75437557. **Citări=1**
2. **Anca B.**, Iulia V.I., Adriana P., Irina H., Alina F., Adrian A., Gabriela A. Molecular and serological prospects for SARS-Cov-2 epidemiology. *Pharmacophore* 2020, 11, 122-131. **Citări=1**
3. Stanislav A.A., Vassu-Dimov T., Iacob M.M., **Botezatu A.**, Arsene C., Burlibasa L., Bodron P., Sarghie L., Cucu N., Alexandrescu L. Investigation of fat mass and obesity associated (FTO) gene polymorphism in romanian population. *Biointerface Research in Applied Chemistry* Dec 2018, 8, 3710-3718.. **Citări=2**

**Manifestari stiintifice - Articole publicate in rezumat in reviste indexate ISI:**

1. Albulescu A., Fudulu A., Iancu I.V., Plesa A., Dinu-Draganescu D., Vladoiu S., **Botezatu A.** Epigenetic profiling of male infertility: Investigating the expressions of HAR1B, MEG3, MALAT1, and EZH2. *FEBS Open Bio* Jun. 2024, 14, 127-127. **IF=2.8; Q3**
2. Fudulu A., Iancu I.V., Albulescu A., Plesa A., Stoian I.L., Socolov D.G., **Botezatu A.** Chromatin remodeling dynamics in HPV infection: Evaluating gene expression profile. *FEBS Open Bio* Jun. 2024, 14, 250-251. **IF=2.8; Q3**
3. Rugescu IA, Dumitrescu R., Draganescu DD, **Botezatu A.**, Albulescu A., Fudulu A., Plesa A., Iancu IV, Vladoiu S., Badiu C., Stancu C., Muresan A., Popa O. , Udrea L. Nivelurile de estradiol în infertilitatea masculină idiopatică. *Reproducerea umană* iunie 2023, 38. **IF=6; Q1**
4. Albulescu A., Fudulu A., **Botezatu A.**, Iancu I.V., Plesa A., Brasoveanu L.I. Long noncoding RNA profile in neuroblastoma and glioblastoma. *Febs Open Bio* Jul 2022, 12, 83-84. **IF=2.6; Q4**
5. Fudulu A., **Botezatu A.**, Albulescu A., Iancu I.V., Plesa A., Anton G. The influence of inhibitors targeting epigenetic factors in cervical cancer in vitro model. *Febs Open Bio* Jul 2022, 12, 104-104. **IF=2.6; Q4**
6. **Botezatu A.**, Fudulu A., Iancu I.V., Bostan M., Mihaila M., Albulescu A., Diaconu C.C., Anton G., Plesa A. Assessment of HPV16 viral oncogenes' role in genome-wide pattern deposition of MDB2/3 components of NURD nucleosome remodeling complex. *Febs Open Bio* Jul 2022, 12, 164-164. **IF=2.6; Q4**
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9. Fudulu A., Iancu I.V., **Botezatu A.**, Plesa A., Albulescu A., Huica I., Socolov D., Anton G. Epigenetic mechanism involved in regulation of two immunity factors in cervical cancer. *Febs Open Bio* Jul 2019, 9, 395-396. **IF=2.231; Q3**
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14. Iancu I.V., **Botezatu A.**, Plesa A., Socolov D., Anton G. Long non-coding RNAs expression pattern in cervical oncogenesis. *Febs Journal* Sep 2017, 284, S1, 222-222.**IF=4.530; Q1**
15. **Botezatu A.**, Iancu I.V., Plesa A., Socolov D., Anton G. The effect of hrHPV infection on DNA methylation process during cervical oncogenesis. *Febs Journal* Sep 2017, 284, S1, 222-222.**IF=4.530; Q1**
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18. Iulia Virginia Iancu, **Anca Botezatu**, Adriana Pleșa, Carmen C Diaconu, Gabriela Anton, Raluca Florea, Veronica Ilie, Andrei Sorop, Valeria Tica, Simona Olimpia Dima, Irinel Popescu. LncRNAs expression profiles in pancreatic cancer. Epigenetic Alterations in Human Thyroid Oncogenesis. European Human Genetics Conference (ESHG,) 2016, Barcelona, Spain, abstract in *European Journal of Human Genetics*, vol 24-E supp 1, 2016 p 365, P17.33, ISSN: 1018-4813, **IF= 5.351**
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28. Rusanu C., **Botezatu A.**, Iancu I.V., Huica I., Plesa A., Anton G. Mitochondrial polymorphisms as possible predictive markers in Human Papilloma Virus (HPV)-related cervical lesions. *European Journal of Cancer* Jul 2012, 48, S162-S163, doi:10.1016/s0959-8049(12)71331-x.**IF=5.061; Q1**
29. **Anca Botezatu**, Cosmin Arsene, Natalia Cucu, Maria Puiu, Carmen C. Diaconu, Iulia Iancu, Gabriela Anton; Prader-Willi/ Angelman syndromes: different molecular Approaches, European Human Genetics Conference (ESHG) Amsterdam, Olanda, 28 – 31 May abstract în *European Journal of Human Genetics*, vol 19 suppl 2, 2011, pp 115, P02.199. ISSN: 1018-4813, **IF= 5.351**
30. Gabriela Anton, Laurentiu Radu, **Anca Botezatu**, Cosmin Arsene, Florentina Gatea, Marina Anton, Elena Lupeanu, Denisa Duta, Maria Puiu, Natalia Cucu. A correlative study of genetic and epigenetic factors associated with cardiovascular pathology European Human Genetics Conference (ESHG) Amsterdam, Olanda, 28 – 31 May abstract în *European Journal of Human Genetics*, vol 19 suppl 2, 2011, pp 289, P09.095. ISSN: 1018-4813, **IF= 5.351**
31. Iulia Iancu, **Anca Botezatu**, Marina Anton, Irina Huica, Elena Lupeanu, Gabriela Anton; Plasma mir-155, mir-21 and mir-126 expression profiling in patients with cerebrovascular accident (CVA) European Human Genetics Conference (ESHG) Amsterdam, Olanda, 28 – 31 May abstract în *European Journal of Human Genetics*, vol 19 suppl 2, 2011, pp 372, P11.104. ISSN: 1018-4813, **IF= 5.351**
32. Cosmin Arsene, Maria Puiu, **Anca Botezatu**, Gabriela Anton, Corin Badiu, Cristina Popa, Natalia Cucu An integrated clinical, genetic and epigenetic approach of the Prader Willi syndrome phenotypes in Romanian population European Human Genetics Conference (ESHG) Amsterdam, Olanda, 28 – 31 May abstract în *European Journal of Human Genetics*, vol 19 suppl 2, 2011, pp 437, P12.204. ISSN: 1018-4813, **IF= 5.351**
33. Iancu I.V., Plesa A., **Botezatu A.**, Huica I., Anton G. SiRNA inhibition of E6ap expression in cervical cancer cells. *Febs Journal* Jun 2011, 278, 329-329.**IF=3.790; Q2**
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35. Aldea I.M., Bleotu C., Brehar F., **Botezatu A.**, Diaconu C., Chivu M., Lisievici M., Gorgan R.M., Anton G. Investigation of some epigenetic markers in glioblastoma. *Annals of Oncology* May 2011, 22, 43-43. **IF=6.425; Q1**
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37. Goia C.D., **Botezatu A.**, Socolov D., Iancu I.V., Huica I., Plesa A., Anton G. The implication of mtDNA mutations in HPV-induced cervical carcinogenesis. *Febs Journal* Jun 2010, 277, 91-92.**IF=3.129; Q2**
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40. Cucu N., Anton G., Zarnescu O., **Botezatu A.**, Albu C., Matei M., Ovidiu-Tanase A., Posea C. Epigenetic biomarkers linked with methyl group metabolism in mammary cancer diagnosis. *Iubmb Life Mar* 2009, 61, 358-358. **IF=3.578;Q2**
41. Cucu N., Anton G., **Botezatu A.**, Puiu M., Dan D. Epigenetic method for the early diagnosis of Prader Willi syndrome. *Iubmb Life Mar* 2009, 61, 361-361. **IF=3.578;Q2**
42. Gabriela Anton, Demetra Socolov, **Anca Botezatu**, Cristina Goia, Marina Anton, Anca Stanescu, Adriana Pleșa, S Telemán, Human papillomavirus DNA and mRNA- markers for cervical lesions progression, Third International Congress of Molecular Medicine, May 5-8, 2009, Istanbul, IUBMB Life Journal, 2009, 61(3), 344, ISSN:1521-6543 **IF= 4.709**
43. Anton G., Socolov D.G., **Botezatu A.**, Goja C.D., Anton M., Stanescu A.D., Plesa A., Telemán S. Human papillomavirus DNA and mRNAs - markers for cervical lesions progression. *Iubmb Life Mar* 2009, 61, 344-344. **IF=3.578;Q2**
44. Plesa A., Goia C., **Botezatu A.**, Bleotu C., Socolov D., Peltecu G., Cornitescu F., Anton G. Analysis of HPV DNA and p16 expression to predict prognosis in ascus, lsil and hsil in cervical swabs. *Febs Journal Jun* 2008, 275, 274-274. **IF=3.139;Q2**
45. Anton M., Anton G., Sgarbura Z., Iliescu D., Bleotu C., **Botezatu A.**, Goia C., Plesa A. E6 human papillomavirus type16 methylation in clinical specimens. *Febs Journal Jun* 2008, 275, 102-102. **IF=3.139;Q2**
46. **Botezatu A.**, Popa I., Welt L., Constantin M., Anton G. Epigenetic factors in oncogenesis. *Febs Journal Jun* 2008, 275, 102-102. **IF=3.139;Q2**
47. Anton G., Bleotu C., Anton M., Socolov D., Telemán S., Goia C., **Botezatu A.** Altered cyclin expression in cervix preneoplastic lesions. *Febs Journal Jun* 2008, 275, 267-267. **IF=3.139;Q2**
48. Gabriela Anton, Demetra Socolov, A.C. Anton, Coralia Bleotu, Marina Anton, F. Cornitescu, S. Telemán, D. Iliescu, **Anca Botezatu**, Cristina Goia, Adriana Pleșa, Viral persistence- factor of cervical lesions progression, HPV in Human pathology. Prague, Czech Republic, 1-3 may 2008, abstract in *Cent Eur J Public Health* 2008, 16(Supplement):S61, 2008; ISSN 1210-7778 (Print). **IF=1.154**
49. Demetra Socolov, Ana Cristina Anton, Gabriela Anton, Razvan Socolov, Alina Melinte, **Anca Botezatu**, Sergiu Telemán. HPV Genotype Distribution in Patients with HGSIL Cytology Prague, Czech Republic, 1-3 may 2008, Abstract in *Central European Journal of Public Health*, 2008, vol. 16 (JHEMI vol. 52), S57; ISSN 1210-7778 (Print) **IF=1.154**
50. Adriana Pleșa, Coralia Bleotu, Cristina. Goia, **Anca Botezatu**, Elena Popa, Elena Nistor, F. Andrei, Gabriela Anton. p63 value in cervical biopsy tissues, HPV in Human pathology. Prague, Czech Republic, 1-3 may 2008, abstract in *Cent Eur J Public Health* 2008, 16(Supplement):S62, 2008. ISSN 1210-7778 (Print). **IF=1.154**
51. **Botezatu A.**, Anton G., Burlibasa L., Cucu N. Genomic instability in human breast tumors through hypermethylation of tumor suppressor promoter genes (er alpha and rar beta). *Febs Journal Jul* 2007, 274, 76-76. **IF=3.396;Q2**
52. Anton G., Socolov D., Bleotu C., Anton A.C., Anton M., Goia C., **Botezatu A.** Viral markers as prognostic factors of cervical lesions progression. *Ejc Supplements Sep* 2007, 5, 106-106, doi:10.1016/s1359-6349(07)70496-2. **IF=2.709;Q2**

**Carti/capitole de carti**

1. Ilea C, Irina Stoian, Gabriela Anton, **Anca Botezatu**, Demetra Socolov, Implicatiile psihosociale ale screeningului pentru cancerul de col uterin, in cartea: *Boala cronica - O perspectiva interdisciplinara*, Coord. M Iorga, Ed Polirom, 2020, ISBN 978-973-46-8321-5
2. **Anca Botezatu**, Iulia V. Iancu, Oana Popa, Adriana Plesa, Dana Manda, Irina Huica, Suzana Vladoiu, Gabriela Anton, Corin Badiu. The Multifactorial Foundation and Deciphering the Mechanisms-Mechanisms of oncogene activation, Book: *Carcinogenesis in Human*. edited by Dmitry Bulgin, Publisher InTech/Croatia, 2016, p 1-52. ISBN 978-953-51-4382-6.
3. Adriana Plesa, Iulia Virginia Iancu, **Anca Botezatu**, Irina Huica, Mihai Stoian, Gabriela Anton. The involvement of epigenetic mechanisms in HPV induced cervical cancer. Book: *Human Papillomavirus*, edited by Rajamanickam Rajkumar, Publisher InTech/Croatia. 2016, p 191-241. ISBN 978-953-51-239-9 Citări=4
4. Coralia Bleotu, Demetra Socolov, Mariana Anton, **Anca Botezatu**, Adriana Plesa, Iulia Virginia Iancu, Lorelei Irina Brasoveanu, Gabriela Anton and Carmen Cristina Diaconu. Interplay of Epigenetics with Gynecological Cancer. Book: *Gynecologic cancers. Basis sciences, clinical and therapeutic perspectives*, edited by Samir A. Farghaly, Publisher InTech/Croatia 2016, p 15-68, ISBN 978-953-51-4278-2.
5. Gabriela Anton, Adriana Plesa, Coralia Bleotu, **Anca Botezatu**, Mihai Stoian, Marina Anton, Lorelei Brașoveanu. Oncogene and Cancer - From Bench to Clinic, Book: *Human Papillomaviruses Oncoproteins*, edited by Yahwardiah Siregar, Publisher: InTech/Croatia, 2013, 486 pages, ISBN 978-953-51-0858-0
6. Simona O. Dima, Cristiana Tanase, Radu Albuлесcu, **Anca Botezatu**, Irinel Popescu. Novel Biomarkers in Pancreatic Cancer. Book: *Pancreatic Cancer - Clinical Management* edited by Sanjay K. Srivastava. Publisher InTech/Croatia, 2012, ISBN 978-953-51-0394-3.
7. Demetra Socolov, Coralia Bleotu, Nora Miron, Razvan Socolov, Lucian Boiculese, Mihai Mares, Sorici Natalia, Moshin Veaceslav, **Anca Botezatu**, Gabriela Anton. Correlation Between Chlamydia trachomatis IgG and Pelvic Adherence Syndrome. Book: *Chlamydia*, edited by Mihai Mares. Publisher InTech/Croatia, 2012, ISBN 978-953-51-0470-4.
8. **Anca Botezatu**, Cristina D. Rusanu-Goia, Iulia V Iancu. Markeri celulari si virali ai infectiei cu HPV. Carte: *Infectia colului uterin cu virusul papiloma uman- ghid theoretic si practic de diagnostic si conduita terapeutica*. Universitară Carol Davila, 2010, p 31-44. ISBN 978-973-708-489-9.
9. Irina Huica, **Anca Botezatu**. Testarea virală. Carte: *Infectia colului uterin cu virusul papiloma uman- ghid theoretic si practic de diagnostic si conduita terapeutica*. Universitară Carol Davila, 2010, p 81-87. ISBN 978-973-708-489-9

## Proiecte

**Granturi /proiecte castigate prin competitie (director /responsabil proiect)**

1. 2020-2022 Contract PN-III-P1-1.1-TE-2019-1759/ TE39/2020 Corpusculii ND10-structuri dinamice in remodelarea cromatinei virale in infectia timpurie cu virusurile papilloma umane se risc crescut. 431900 RON
2. 2020-2022 Contract PN-III-P2-2.1-PED-2019-4402/ 544PED/2020 Algoritmi de inteligentă artificială în diagnosticul infertilității masculine bazati pe noi abordări moleculare. 637500 RON
3. 2015-2017 - Contract PNII-RU-TE-2014-4-2502/ 31/2015 Rolul oncogenelor virale E6/E7 HPV16 in reglarea activitatii componentelor complexului de remodelare cromatiniana NuRD (MBD2, MBD3). 550000 RON
4. 2012-2016 - Contract PNII 135-2012. Markeri moleculari ca predictorii ai evolutiei post-terapeutice si prognosticului in managementul carcinomului tiroidian diferentiat. 700000 RON
5. 2012-2016 - Contract PNII 90-2012. Rolul factorilor S100A4 si MAP4K4 in progresia adenocarcinomului ductal pancreatic (S100MAP). 650000 RON
6. 2007-2008 Contract nr.85/10.08.2007 Genetic and epigenetic characterization of WWP1- potential marker in mammary oncogenesis

**Contracte/ Granturi nationale-membru in echipa de cercetare**

1. 2020-2022 Contract PN-III-P2-2.1-PED-2019-5143 Dezvoltarea unor sisteme de nanoparticule antitumorale, bazate pe noi complexi metalici
2. 2014-2016 PN-II-PT-PCCA-2013-4 Implementarea unui algoritm de diagnostic bazat pe analiza complexă a profilului genomic pentru pacienții cu anomalități congenitale și de dezvoltare (CONGEN)
3. 2008-2011- Contract PN 62057/2008. Metabolomica, genomica si epigenetica studiu complex al patologiei cardiovasculare si imbatranirea populatiei.
4. 2008-2011- Contract CNMP: 42-113 Corelarea aspectelor clinice, genetice si epigenetice in intelegerea etiologiei bolilor genomice Prader Willi/Angelman: model de abordare multidisciplinara a bolilor rare in Romania
5. 2007 – 2010- Contract PNII 41-081/2007 CEEX. Studiu privind utilizarea expresiei genei E4 a HPV in zona de transformare a colului uterin ca marker de excludere a riscului de progresie catre cancer.
6. 2007-2010 - Contract PNCDI 11-034/2007. Sisteme nanostructurate pentru identificare antigenelor virale utilizate in diagnosticul medical.
7. 2007-2008- GAR Evaluarea statusului antioxidant- un marker pentru persistenta infectiei genitale cu virusul papilloma uman.
8. 2006-2008 - Contract CEEX 119/ 2006 Markeri de diagnostic si criterii de management in infectia de col uterin cu HPV
9. 2006-2008 - Contract CEEX 176/2006 Studii experimentale asupra celulelor stem mezenchimale umane transfectate în scopul dezvoltării unei strategii terapeutice inovative a glioblastomului .
10. 2006-2008 - Contract CEEX – M3 – 122/2006 Promovarea cercetării de genetica psihiatrica din Romania prin parteneriat international in studii genetice si epigenetice ale bolii bipolare
11. 2006-2008 - Contract CEEX – M3 – 117/2006 Rolul informatiei epigenetice in oncogeneza: implicatii in atitudinea terapeutica si diagnostic

**Contracte/ Granturi internationale-membru in echipa de cercetare**

1. 2017-2023 - POC P\_37\_798: Stabilirea Profilului Molecular al Neoplasmelor Mieloproliferative și al Leucemiei Acute Mieloide pentru Designul unor Strategii de Diagnostic Precoce, Prognostic și Tratament (MYELOAL – EDIAPROT)-proiect international.
2. (2012-2015) POSCCE, Axa prioritară 2 Operațiunea 2.2.1: Proiect 433/21.12.2012 Modernizarea unui centru pentru studii oncogenezei și al utilizării oncolizei virale ca strategie terapeutică (ONCOIVN)
3. 2010-2012- INFERTIMIC423/0406.2010- Bilateral Project Romania-Moldova- Proteomics and molecular diagnostic implications in microbial cause infertility

**Proiecte educationale si de formare continua**

1. 2017-2020 POCU/91/4/8/107623 Formarea PROFesionala a personalului din sistemul medical din Romania in GENetica medicala – PROGEN - SMIS 107623-formator
2. 2014-2017 POSDRU/183/3.2/S/155295, "Dezvoltarea Competentelor in Transplant"-formator
3. 2010-2013 POSDRU/89/1.5/S/60746 «Programul Postdoctoral interdisciplinar "Biotehnologii celulare și moleculare cu aplicații în medicină"»



Cursuri  
Certificări

**Specializari si calificari**

1. Cursul privind organismele modificate genetic: "Noi perspective in biologia moleculara"; Timisoara 09.2002
2. Curs postuniversitar :“ De la biologia celulara si moleculara la medicina secolului XXI” - Institutul de Biologie si patologie celulara “N. Simionescu”; Bucuresti 10.2006
3. “Atelier de imunologie fundamentala” - I.N.C.D.M.I Cantacuzino. Bucuresti 02. 2007
4. ESO-CNIO Epigenetics and New Therapies in Cancer, European Scool of Oncology, 29-30 November 2007, CNIO Madrid, Spain
5. Curs practic qPCR (modul de baza, modul de biostatistic), 15-19 septembrie 2008, TATAA Biocenter, Freising, Germania
6. „Trends in Molecular Biology: from real-time PCR to molecular diagnostic”, Bucuresti 09.2012
7. Next-Generation Sequencing training data analysis. Penzberg Roche, Germany, October 20
8. Metode bioinformatice in genomica si proteomica, Bucuresti 9-11.10.2012
9. Aplicatiile tehnicii microarray in cercetarile din domeniul cancerului, Bucuresti 29.10-01.11.2012
10. Bazele moleculare ale infectiei virale, Bucuresti, 24-27 09.2012
11. Procesarea si degradarea proteinelor in conditii normale si patologice, Bucuresti, 17-20.09.2012
12. Curs Manager de Proiect, Bucuresti, 29-31.05.2012
13. microRNAsEurope&Single Molecule Biology Europe Meeting, 1-2.11.2012, University of Cambridge, Cambridge, UK
14. Training course Next-Generation Sequencing TruSeq ChIP and small RNA Chesterford Research Park, Illumina Cambridge, 17-18 November 2014
15. Epigenetics & Chromatin, Cold Spring Harbour Laboratory, Cold Spring Harbour, USA, 13-17 September 2016.
16. Cursul & Workshopul in BIOINFORMATICA organizat de Institutul de Biochimie al Academiei Romane 18-20 April 2018
17. 4th @RoBioinfo Seminar: NGS technologies, organizat de Facultatea de Biologie in perioada 25-27 februarie 2019,
18. SARS-CoV-2 Data Analysis and Monitoring with Galaxy, August 9-12, 2021 on-line

**Burse cursuri/congrese**

1. FEBS Congress Bursary 32nd FEBS Congress- Molecular Machines, 7-12 July 2007, Viena, Austria
2. FEBS Congress Bursary 2010 35th FEBS Congress (Molecules of Life)", 26 iunie-1 iulie 2010, Gothenburg, Suedia
3. 14th world congress of Gynecological Endocrinology Bursary 2010
4. FEBS Travel Grant Trends in Genetics: Genomic Instability and Pathways of Response, Yerevan, Armenia, 20 – 26 februarie 2011
5. 46th Annual Meeting, American Pancreatic Association, San Diego, California, 4-7 nov, Bursary 2015
6. Postdoctoral Fellowship (POSDRU 98/1.5/S/60746) 2011-2013 Fundeni Clinical Institute. Epigenetic Study For Potential Biomarkers Identification In Pancreatic Oncogenesis.

Distincții

**Premii**

1. Awards: Excellence Award Tumor supressor miRNAs in HPV-related cervical oncogenesis, Academician Nicolae Cajal" Symposium, 6th edition, March 30- April 1 , 2011
2. Award for the best Poster Comparative molecular approaches in Prader-Willi/ Angelman syndrome diagnosis. Balcanic Congress of Medical Genetics 15 - 17 September 2011, Timisoara, Romania
3. Premiul "Stefan S Nicolau" al Academiei Romane pentru o suita de lucrari consacrate mecanismelor genetice si epigenetice implicate in carcinogeneza indusa de virusurile papilloma umane (HPV), 18 decembrie 2015
4. Young Investigator Award, 46th Annual Meeting, American Pancreatic Association, San Diego, California, 4-7 nov, 2015.
5. Premiul "Marcela Eugenia Pitiș" acordat comunicarii prezentate la Al XI-lea Congres al Asociatiei De Endocrinologie Clinica din Romania 2016

Afilieri

- Membru în Societatea Română de Biochimie și Biologie Moleculară- SRBBM (afiliată FEBS-Federation of European Biochemical Societies).
- Membru în Ordinul Biochimistilor, Biologilor și Chimiștilor în sistemul sanitar din România (OBBCSSR).

Membru in colectivele de  
redactie sau comitete  
stiintifice

1. Editor asociat la Journal of Cellular and Molecular Medicine
2. Membru in colectivul de redactie Journal of Solid Tumors (
3. membru in comisii de doctoactat si abilitare

Brevete

- “Procedeu de screening a eficientei medicamentelor antitumorale bazat pe un sistem de co-cultura organotipic 3 D pentru tratamentul personalizat al pacientilor cu cancer de pancreas”-a2016 00927
- Cerere brevet de inventie nr A2022 00651, cu data de depozit din 19/10/ 2022, cu titlu Panel de oligonucleotide tintite pentru diagnosticul epigenetic al infertilitatii masculine
- "Test pentru detectia tinta a metilarii in neoplasmale mieloproliferative"-OSIMA100597/23.10.2023
- "Metoda de evaluare a potentialului inhibitor specific si selectiv pentru o tinta moleculara specifica" - OSIM A100572/17.10.2023

Data

Semnatura

18.12.2024

