

INFORMAȚII PERSONALE	BLEOTU CORALIA
	
	
	 cbleotu@yahoo.com
	
	
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LOCUL DE MUNCA PENTRU CARE SE CANDIDEAZĂ POZIȚIA LOCUL DE MUNCĂ DORIT STUDIILE PENTRU CARE SE CANDIDEAZĂ	
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EXPERIENȚA PROFESIONALĂ	
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2018 2014 - prezent 2006 – 2014 2003-2006 1998 – 2003	Coordonator Departament Patologie Cellară și Moleculară cercetător științific II cercetător științific III cercetător științific asistent cercetare științifică Institutul de Virusologie Stefan S Nicolau , B-dul Mihai Bravu, Nr 285, sector 3, București, cod 030304, PO 77, PO BOX 201, Romania (www.virology.ro). Conducător / responsabil de proiect, membru în echipa de cercetare a proiectelor privind studiul biologiei celulei stem și a celulei tumorale; studiul interacției gazdă - agent infecțios, Cercetare biomedicală/ Sectorul academic
2009- prezent	cercetător științific III/II (partial) Lector (partial) Universitatea din Bucuresti - Facultatea de Biologie, Catedra de Botanica si Microbiologie Aleea Portocaliilor 1-3, 60101 Bucuresti, Romania Research Institute of the University of Bucharest (ICUB), University of Bucharest, 060023 Bucharest, Romania. Colaborator, membru în echipa de cercetare a proiectelor, lucrari practice imunobiologie (ciclurile de master si doctorat), îndrumător lucrări de licență și de dizertație Cercetare biomedicală/ Sectorul academic

EDUCAȚIE ȘI FORMARE	
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	Studii postdoctorale POSDRU 89/1.5/s/60746 - Institutul Clinic Fundeni, Sos. Fundeni nr. 258, sector 2, București, Romania Cercetare biomedicală: studiul metodelor de izolare, purificare și îmbunătățire a viabilității insulelor pancreatice înainte și post-transplant autolog sau de la donator în moarte clinică; studiul fenomenelor epigenetice în cancerul I de pancreas (metilare și ARNi)	Nivel 8 EQF
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2001-2008	Doctor în Medicină Academia Romana, Institutul de Virusologie Stefan S Nicolau	Nivel 8 EQF
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	Titlul tezei „Semnificația mecanismelor moleculare implicate în transformarea cu papilomavirusuri umane pentru monitorizarea unor cancere umane”
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1992- 1997	Licenta în Biologie, Specializarea Genetică și Biologie Moleculară	Nivel 6 EQF
	Universitatea din București, Facultatea de Biologie	
	Titlul lucrării: Mutațiile și evoluția cancerului	

COMPETENTE PERSONALE	
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Limba(i) maternă(e)	Română				
Alte limbi străine cunoscute	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C1	C1	B1	B1	C1
	Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat Cadrul european comun de referință pentru limbi străine				

Competențe de comunicare	bune competențe de comunicare dobândite prin experiența proprie de cercetător științific prin participarea la numeroase sesiuni de comunicare la congrese, conferințe și simpozioane în țară și în străinătate
Competențe organizaționale/managieriale	▪ Coordonator Departament Patologie Celulară și Moleculară (din 2018) ▪ Coordonator în granturi și programe de cercetare: director de proiect: 3 proiecte (2 GAR, 1 VIASAN); responsabil de proiect: 7 proiecte (1 VIASAN, 1 CEEX, 3 PNII, 2 PNIII) ▪ Membru în echipa de cercetare: 65 programe cu finanțare internă și 7 programe cu finanțare externă. Participări la Conferințe/Congrese internaționale (40 ISI/ Clarivate Analytics) și la Conferințe/Simpozioane Naționale cu/fără participare internațională (peste 100) ▪ Expert științific implementare activitate C și D în cadrul proiectului Cercetarea doctorală și postdoctorală prioritate a învățământului superior românesc (Doc-Postdoc) –POSDRU/159/1.5/S/137390 ▪ Membru mandatat 2012-2016 în Comisia profesională științifică, învățământ și legislație a ORDINUL BIOCHIMISTILOR, BIOLOGILOR ȘI CHIMISTILOR ÎN SISTEMUL SANITAR ÎN ROMANIA (OBBCSSR)

Membru al unor societăți profesionale:	ARC (Romanian Association of Cytometry), SRBBM (Societatea Română de Imunologie Societatea Română de Biochimie și Biologie Moleculară afiliată Federation of European Biochemical Societies), SRI (Societatea Română de Imunologie afiliată European Federation of Immunological Societies); Societatea Română de Chimie.
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Competențe dobândite la locul de muncă	1996 - Curs Microbiologie (CEFOR) organizat de TEMPUS-Phare, București, România 1996 - Curs de Biochimie (CEFOR) organizat de TEMPUS-Phare, București, România 1998 - Stagiu de perfecționare pentru personalul medical sub egida Proiectului PHARE LIEN, Spitalul Dr. Victor Babeș, București 2000 – Curs EMBO „Molecular and cellular biology from plant to human cells”, 29th september – 2th octomber, 2000, Debrecen, Hungary 2001 - Curs de Biochimie și biologie moleculară (CEFOR) organizat de TEMPUS-Phare, București, România 2001 - Simpozion aniversar „1901-2001-O sută de ani de școală cantacuzinistă” cu tema „Rezistența bacteriană la antibiotice: istorie și actualitate”, 11-12 octombrie 2001, Institutul Cantacuzino, București. 2002 - Atelier de Imunologie Fundamentală”, organizat de Societatea Națională de Imunologie - 2002 - Curs de perfecționare postuniversitară, De la Biologia Celulară și Moleculară la Medicina secolului XXI”, organizat de Institutul de Biologie și Patologie Celulară “N. Simionescu”, Academia Română 2005 - Simpozion cu tema – Zilele Medicale Medicover-Synevo, 11-12 noiembrie 2005 2006- Stagiu de perfecționare în studii genetice și epigenetice în cadrul Institut fur Genetische Medizin, Universitätsklinikum Bonn, Germania. 2008 –Educație medicală continuă: "Cervico-vaginal cytology: AdvancedConcepts", București Romania 2008 – Educație medicală continuă:"Managementul și calitatea în laboratoarele de analiză medicală, organizat de CALILAB, București, Romania 2009 – Advanced BD FACSCanto II and BD FACSDiva 6 training, oranizat de INCDDPSB Victor Babeș în parteneriat cu Becton Dickinson International, București, Romania 2009 – curs Formator în domeniul: Managementul, asigurarea și controlul calității în laborator, Centrul național de perfecționare în domeniul sanitar București, Certificat seria:F, Nr:2345/2009, nr înregistrare: 1179/2009, formator acreditat Ministerul Sănătății 2010 - Educație medicală continuă: “Etapile diagnosticului de laborator în microbiologie ” organizat de CALILAB în parteneriat cu OBBCSSR, București, Romania 2010 – Atelier de lucru- Welcome to a more colorful world, welcome to more choice, organizat de Asociația de Citometrie din Romania, București Romania 2010 – Balkan Flow user's meeting, organizat de Novainterned în parteneriat cu Becton Dickinson International, Rovinj, Croația 2011 –Formator, Curs organizat de Euro Best Team SRL, conform OG 129/2000, republicată 2011 – Manager de proiect, Curs organizat de INCDDPSB Victor Babeș, in cadrul POSDRU TDM, diplomă manager proiect conform OG 129/2000, republicată 2012 – Managementul cercetării; Dezvoltarea aptitudinilor pentru succes și competitivitate în cercetarea științifică; Etica în cercetarea științifică, curs in cadrul POSDRU 89/1.5/S60746, București, Romania, diplomă manager proiect conform OG 129/2000, republicată 2012 – Workshop exploratoriu (WE20)- Interrelația microorganism-gazdă în patogeneza bolilor infecțioase – organizat de Centrul de învățământ și Documentare „Jacques Monod”din INCDMI”Cantacuzino”, București Romania 2012 – Estimarea incertitudinilor de măsurare și validarea metodelor de testare conform SR ISO15189:2007, Aplicații practice, organizat de CALILAB în parteneriat cu OBBCSSR, Bucuresti, Romania 2012 – Procesarea și degradarea proteinelor in condiții normale și patologice, curs organizat de Institutul de Biochimie, in cadrul POSDRU 89/1.5/S60746, București, Romania 2012 – Metode bioinformatică în genomică și proteomică, curs organizat de Institutul de Biochimie, in cadrul POSDRU 89/1.5/S60746, București, Romania 2012 – Aplicațiile tehnicii microarray în cercetările din domeniul cancerului, curs oranizat de Institutul Clinic Fundeni, in cadrul POSDRU 89/1.5/S60746, București, Romania 2012 – Bazele moleculare ale infecției virale, curs organizat de Institutul de Biochimie, in cadrul POSDRU 89/1.5/S60746, București, Romania 2016 - Seminarul Live Cell Imaging desfășurat în perioada 18-20 octombrie 2016 la Institutul Național de Patologie Victor Babeș. 2016 – Biostatistică medicală – workshop „Who is afraid of biostats?”, București, România 2015 – Beckman Coulter Astrios Customer Training, Nyon, Elveția
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Competențe digitale

AUTOEVALUARE

	Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat
	Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat Competențele digitale - Grilă de auto-evaluare				
	Scrieți denumirea certificatului.				
	- o bună stăpânire a o suită de programe de birou (organizarea fișierelor, programele Word, Excell, Powerpoint, baze de date, Internet) - bune cunoștințe de editare foto si grafica computerizata (CorelDraw, Adobe)) - bune cunoștințe de utilizare a software-urilor biostatistice și bionformatic (GraphPad Prism)				

INFORMAȚII SUPLIMENTARE	
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Premii	2018_ Diplomă de excelență – Locul 1- echipei Dragu D, Matei L, Neacșu I, Zurac S, Necula L, Mambet C, Ficai A, Neagu AI, Chivu-Economescu M, Tihuan B, Kamerzan C, Andronescu E, Diaconu C, Bleotu C, - pentru participarea cu poster la Simpozionul Academician Nicolae Cajal 2015_ Premiul Academiei Române pentru 2013, Premiul „Ștefan S. Nicolau” pentru Suita de 11 lucrări consacrată mecanismelor genetice și epigenetice implicate în carcinogeneza indusă de virusurile papilloma umane (HPV), autori: Coralia Bleotu, Anca Botezatu, Iulia Virginia Iancu și Adriana Pleșa 2010 – Premiul III colectivului: Iordache C, M. Lixandru, F. Iordache, A Holban, Bleotu C, C. Chifiriuc, E. Andrei, F. Antohe, pentru posterul: „Morphological and molecular changes induced by apoptosis following treatment with P. Aeruginosa bacterial culture and cell free culture in endothelial cells” prezentată la Conferința aniversară a Institutului de Biologie, 29 sept-1 oct, Bucuresti, Romania 2008- Outstanding Abstract Award Dulămea A, Sîrbu Boeți Patricia, S. Dulămea, Chivu M, Bleotu C, Efrimescu Cătălin, A. Câmpeanu, I. Popescu. Mesenchymal stem cells effect in severe neuromyelitis. „2nd World Congress in Controversies in Neurology”, 23-26 October 2008, Atena, Grecia, A-74. 007 – Premiul Anual al Societății Romane de Microbiologie colectivului: Daniela Cristea, M Lixandru, Elena Pencu, Marcela Bucur, C Larion, Iordache C, Olguța Drăcea, C Balotescu, Bleotu C, O Banu, Lucia Ciudin, Ramona Cernat, Anca Israil, pentru lucrările poster: „Studiul interacțiunii unor tulpini de <i>Shigella</i> și <i>Escherichia coli</i> enteroinvaziv cu celule HeLa”, „Demonstrarea localizării intracelulare a unor tulpini de <i>Staphylococcus aureus</i> și <i>Pseudomonas aeruginosa</i> în celulele nefagocitice” prezentate la a XI- Reuniune Anuală de Microbiologie, 24-26 mai 2007, Mamaia, Romania.
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Lista de publicații

Capitole de carte publicate in edituri internationale

1. Bleotu C, Anton G, The Indicators of Predicting Disease Outcome in HPV Carcinogenesis, in the book "Topics on Cervical Cancer With an Advocacy for Prevention" edited by Rajamanickam Rajkumar, ISBN 978-953-51-0183-3, InTech, March 3, 2012.
2. Chifiriuc MC, Socolov D, Moshin Veaceslav, Lazăr V, Mihaescu Grigore and Bleotu C, Host Immune Response to Chlamydia Infection, in the book "Chlamydia" edited by Mihai Mares, ISBN 978-953-51-0470-4, InTech, March 3, 2012.
3. Demetra Socolov, Bleotu C, Nora Miron, Razvan Socolov, Lucian Boiculese, Mihai Mares, Sorici Natalia, Moshin Veaceslav, Anca Botezatu and Anton G, Correlation Between Chlamydia trachomatis IgG and Pelvic Adherence Syndrome, in the book "Chlamydia" edited by Mihai Mares, ISBN 978-953-51-0470-4, InTech, March 3, 2012.
4. Anton G, Plesa A, Bleotu C, Botezatu Anca, Anton M, Brasoveanu LI and Stoian M, Human Papillomaviruses Oncoproteins, in the book "Oncogene and Cancer - From Bench to Clinic" edited by Yahwardiah Siregar, ISBN 978-953-51-0858-0, InTech, January 1, 2013.
5. Holban AM, Bleotu C, Chifiriuc MC and Lazăr V. Control of bacterial virulence by cell-to-cell signalling molecules. Microbial pathogens and strategies for combating them: science, technology and education. Microbiology Book Series – 2013 Edition, Badajoz (Spain).
6. Bleotu C, Socolov D, Anton M, Botezatu A, Plesa A, Iancu IV, Brasoveanu LI, Anton G, Diaconu CC, Interplay of Epigenetics with Gynecological Cancer, in Gynecologic Cancers - Basic Sciences, Clinical and Therapeutic Perspectives", Editor Samir A. Farghaly, ISBN 978-953-51-2254-8, publicata in Martie 2016, DOI: <http://dx.doi.org/10.5772/61032>.
7. Bostan M, Mihaila M, Hotnog C, Bleotu C, Anton G, Roman V, Brasoveanu LI, Modulation of Apoptosis in Colon Cancer Cells by 3 Bioactive Compounds, in Colon Cancer, acceptata in 2016.
8. Bleotu C, Matei L, Dragu LD, Grigorescu L, Diaconu CC, Anton G Genetically Engineered Foods Handbook of Food Bioengineering, Volume 6 Chapter 15 - Methods for Plant Genetic Modification, pages 385–401. <https://doi.org/10.1016/B978-0-12-811519-0.00015-7>.
9. Bleotu C, Chifiriuc MC, Socolov R, Socolov D, Introduction in Food Safety Biosecurity and Hazard Control, in Food Control and Biosecurity, Volume 16, pag 1-18, Academic Press 2018, eBook ISBN:9780128114971, Paperback ISBN: 9780128114452.
10. Popa M, Mărușescu L, Ion I, Kamerzan C, Bleotu C, Oprea E, Chifiriuc MC, Lazăr V, Chapter 14 - Antimicrobial and cytotoxic activity of graphene-based periocuticals, pages 585-599, in Fullerenes, Graphenes and Nanotubes: A Pharmaceutical Approach 2018, Elsevier Inc, DOI: <http://dx.doi.org/10.1016/B978-0-12-813691-1.00014-2>.
11. Bleotu C, Mambet C, Matei L, Dragu LD, Chapter 14 -Improving Wine Quality and Safety Through Nanotechnology Applications, In Nanoengineering in the Beverage Industry, Volume 20: the Science of Beverages, 2020, Pag 437-458, Elsevier Inc. All, Academic Press, <https://doi.org/10.1016/B978-0-12-816677-2.00015-6>.
12. Gradisteanu-Pircalabioru G, Bleotu C, Curutiu C, Mihaescu G, Chifiriuc MC, Chapter 2 - Nanodrug delivery systems in cancer, in Biomedical Applications of Nanoparticles, Ed. Elsevier, 2019, Pag 31-62. <https://doi.org/10.1016/B978-0-12-816506-5.00015-2>
13. Diaconu CC, Gurban P, Mambet C, Chivu-Economescu M, Necula LG., Matei L, Dragu D, Nedeianu S, Neagu AI, Tatic A, Cristodor D, Bleotu C, Programmed Cell Death Deregulation in BCR-ABL1-Negative Myeloproliferative Neoplasms IntechOpen, DOI:<http://dx.doi.org/10.5772/intechopen.86062>.

Articole Cotate Clarivate -autor principal

1. Limban C, Balotescu Chifiriuc MC, Missir AV, Chiriță IC, **Bleotu C**, Antimicrobial Activity of Some New Thioureides Derived from 2-(4-Chlorophenoxymethyl)benzoic Acid, Molecules 2008, 13 (3), 567-580. DOI: <http://dx.doi.org/10.3390/molecules13030567>.
2. **Bleotu C**, Chifiriuc MC, Grigore R, Grancea C, Popescu RC, Anton G, Cernescu CE. Investigation of Th1/Th2 cytokine profiles in patients with laryngo-pharyngeal, HPV-positive cancers. European Archives of Oto-Rhino-Laryngology, 2013, 270 (2), 711-718. DOI: <http://dx.doi.org/10.1007/s00405-012-2067-7>; **WOS:000314295800044; Q2**
3. **Bleotu C**, Pircalabioru G, Dragusel R, Aldea IM, Botezatu A, Banu O, Mihaescu G, Cernescu EC; Diaconu CC. Modulation of Interaction Between Virus and Eukaryotic Host by Exposure to S. aureus Bacterial Soluble Fractions, Current Organic Chemistry, 2013, 17 (2), 137-1430. DOI <http://dx.doi.org/10.2174/1385272811317020009>; **WOS:000317273500008; Q2**
4. **Bleotu C**, Chifiriuc MC, Pircalabioru G, Berteșteanu SVG, Grigore R, Ruta SM, Lazar V. Significance of serum antibodies against HSP 60 and HSP 70 for the diagnostic of infectious diseases, Virulence, 2014, 5(8):828-831. DOI:<http://dx.doi.org/10.4161/21505594.2014.973800> ; **WOS:000348458800008; Q1**
5. Jinga SI, Voicu G, Stoica-Guzun A, Stroescu M, Grumezescu AM, **Bleotu C.**, Biocellulose nanowhiskers cement composites for endodontic use, Digest Journal of Nanomaterials and Biostructure, 2014, 9(2) 543 – 550. **WOS:000339050700012; Q3**
6. **Bleotu C**, Chifiriuc MC, Lazăr V, Drăgușel R, Matei L, Aldea IM, Dragu LD, Ionescu B, Diaconu CC, Cernescu C, Mogoantă CA, Popescu CR, Popescu B, Grigore R, Berteșteanu ȘV. Influence of Staphylococcus aureus attachment to the herpes simplex virus infected cells. Romanian Journal of Morphology and Embryology, 2015, 56(2):433-437. **WOS:000358559400014; Q4**
7. Ficai D, Sonmez M, Albu MG, Mihaescu DE, Ficai A, **Bleotu C**. Antitumoral materials with regenerative function obtained using a layer-by-layer technique, Drug Design Development and Therapy, 2015, 9, 1269—1279. DOI <http://dx.doi.org/10.2147/DDDT.S62805>; **WOS:000350273700002; Q2**

8. Matei L, **Bleotu C**, Baci I, Diaconu CC, Hanganu A, Banu O, Ionita P, Paun A, Tatibouet A, Zarafu I, Synthesis and biological activities of some new isonicotinic acid 2-(2-hydroxy-8-substituted-tricyclo [7.3.1.0(2.7)]tridec-13-ylidene)-hydrazides, *Bioorganic & Medicinal Chemistry*, 2015, 23(3), 401-410. DOI <http://dx.doi.org/10.1016/j.bmc.2014.12.038> ; **WOS:000348039700003**; **Q2**
9. Nitulescu GM, Draghici C, Olaru OT, Matei L, Ioana A, Dragu LD, **Bleotu C**. Synthesis and apoptotic activity of new pyrazole derivatives in cancer cell lines. *Bioorganic & Medicinal Chemistry* 23 (17), 5799-5808, 2015. doi: <http://dx.doi.org/10.1016/j.bmc.2015.07.010>; **WOS:000360349900059**; **Q2**
10. Georgescu M, Gheorghe I, Curutiu C, Lazar V, **Bleotu C (corresponding)**, Chifiriuc MC: Virulence and resistance features of *Pseudomonas aeruginosa* strains isolated from chronic leg ulcers. *BMC Infectious Diseases* 16 Suppl 1:92, 2016. DOI <http://dx.doi.org/10.1186/s12879-016-1396-3>; **WOS:000378592200002**; **Q2**
11. Mambet C, Chivu-Economescu M., Matei L, Stoian M, **Bleotu C**: Strategies to Overcome Multi-Drug Resistance in Cancer Cells: the Contribution of siRNA and Nanotechnologies. *Current Organic Chemistry* 2016, 20, 2971-2982. DOI: <http://dx.doi.org/10.2174/1385272820666160510163625>; **WOS:000390348100005**; **Q3**
12. Săndulescu O, Bleotu C (*first author equal contribution*), Matei L, Streinu-Cercel A, Oprea M, Drăgulescu EC, Chifiriuc MC, Rafila A, Pirici D, Tălăpan D, Dorobăț OM, Neguț AC, Oțlea D, Berciu I, Ion DA, Codiță I, Calistru PI, Streinu-Cercel A: Comparative evaluation of aggressiveness traits in staphylococcal strains from severe infections versus nasopharyngeal carriage. *Microbial pathogenesis*, 2017, 102, 45 -53. DOI: <http://dx.doi.org/10.1016/j.micpath.2016.11.006>; **WOS:000392363400009**; **Q3**.
13. Tudose M, Culita DC, Musuc AM, Somacescu S, Ghica C, Chifiriuc MC, **Bleotu C**: Lipoic acid functionalized SiO₂@Ag nanoparticles: Synthesis, characterization and evaluation of biological activity. *Materials Science & Engineering C-Materials for Biological Applications* 2017, 79:499-506. DOI: <http://dx.doi.org/10.1016/j.msec.2017.05.083>; **WOS:000404704300059**; **Q1**
14. Nitulescu G M, Matei L, Aldea IM, Draghici C, Olaru OT, **Bleotu C**, Ultrasound-assisted synthesis and anticancer evaluation of new pyrazole derivatives as cell cycle inhibitors. *Arabian Journal of Chemistry*, 12, 6, 816-824, 2019. DOI: <http://dx.doi.org/10.1016/j.arabjc.2015.12.006>; **WOS:000483543900006**; **Q2**.
15. Vlad IM, Nuta DC, Chirita C, Caproiu MT, Draghici C, Dumitrascu F, **Bleotu C (corresponding)**, Avram S, Udrea AM, Missir AV, Marutescu LG, Limban C. In Silico and In Vitro Experimental Studies of New Dibenz[oxepin-11(6H)]one O-(arylcarbamoyl)-oximes Designed as Potential Antimicrobial Agents. *Molecules*. 2020 Jan 13;25(2):321. doi: <http://dx.doi.org/10.3390/molecules25020321>; **WOS:000515381800083**; **Q2**.
16. Vrancianu CO, Popa LI, **Bleotu C (corresponding)**, Chifiriuc MC. Targeting Plasmids to Limit Acquisition and Transmission of Antimicrobial Resistance. *Front Microbiol*. 2020;11:761. DOI: <http://dx.doi.org/10.3389/fmicb.2020.00761>; **WOS:000536564100001**; **Q1**.
17. Asprițoiu VM, Stoica I, **Bleotu C**, Diaconu CC. Epigenetic Regulation of Angiogenesis in Development and Tumors Progression: Potential Implications for Cancer Treatment. *Front Cell Dev Biol*. 2021, 9:689962. DOI: <http://dx.doi.org/10.3389/fcell.2021.689962>; **WOS:000697151100001**; **Q2**.
18. Iconaru SL, Predoi D, Ciobanu CS, Motelica-Heino M, Guegan R, **Bleotu C**. Development of Silver Doped Hydroxyapatite Thin Films for Biomedical Applications. *Coatings*. 2022; 12(3):341. <https://doi.org/10.3390/coatings12030341>; **WOS:000775944900001**; **Q2**.
19. Petrisor G, Ficaï D, Motelica L, Trusca RD, Bîrcă AC, Vasile BS, Voicu G, Oprea OC, Semenescu A, Ficaï A, Popitui MI, Fierascu I, Fierascu RC, Radu EL, Matei L, Dragu LD, Pitica IM, Economescu M, **Bleotu C**. Mesoporous Silica Materials Loaded with Gallic Acid with Antimicrobial Potential. *Nanomaterials* (Basel). 2022, 12(10):1648. doi: <http://dx.doi.org/10.3390/nano12101648>; **WOS:000801625300001**; **Q2**.
20. Vasilescu IM, Chifiriuc MC, Pircalabioru GG, Filip R, Bolocan A, Lazăr V, Dițu LM, **Bleotu C**. Gut Dysbiosis and *Clostridioides difficile* Infection in Neonates and Adults. *Front Microbiol*. 2022, 12:651081. doi: <http://dx.doi.org/10.3389/fmicb.2021.651081>; **WOS:000750563100001**; **Q2**.
21. Chifiriuc MC, Bleotu C. Editorial: Common themes in drug resistance: from viruses to humans. *Front Microbiol*. 2025 6;16:1573798. doi: <http://dx.doi.org/10.3389/fmicb.2025.1573798>; **WOS:001447723800001**; **Q2**.
22. Stoica SI, Onose G, Pitica IM, Neagu AI, Ion G, Matei L, Dragu LD, Radu LE, Chivu-Economescu M, Necula LG, Angheliescu A, Diaconu CC, Munteanu C, **Bleotu C**. Molecular Aspects of Hypoxic Stress Effects in Chronic Ethanol Exposure of Neuronal Cells. *Curr Issues Mol Biol*. 2023, 45(2):1655-1680. doi: <http://dx.doi.org/10.3390/cimb45020107>; **WOS:000938908900001**; **Q3**.
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Brevete de invenții:

Acordate (5)

1. **Brevet de invenție Nr. 122638B1**; Inventatori: Limban C, Misir AV, Drăghici Bogdan, Chifiriuc MC, Bleotu C; Titlul: Tioureide N,N'-disubstituite ale acidului 2-(4-fluorofenoximetil)-benzoic. (BOPI 10/2009 International Patent Classification: C07C 335/04 și C07C 235/42).
2. **Brevet de invenție Nr. 123278B1**; Inventatori: Sasarman Elena, Chifiriuc MC, Pelinescu D-Roxana, Bleotu C, Vassu Tatiana, Stoica Ileana; Titlul: Procedeu de izolare, selecție și conservare a unei tulpini de *Lactobacillus paracasei* ssp. *Paracasei*, bacterie lactică pentru uz uman; BOPI 5/2011. International Patent Classification: C12N001/02; C12N001/20
3. **Brevet invenție Nr 129522B1**, Inventatori: Nitulescu GM, Aldea MA, Bleotu C, Matei L, Hirjau M, Velculescu BS, Olaru OT, Titlul: Antitumoral agents derives of N-(4-hidroxy-4-methyl-3-feniltiazolidin-3-iliden)-1-methyl-1H-pirazol-4-carboxamide. BOPI5/2019, International Patent Classification: C07D 403/12; C07D 417/12; A61P 35/00
4. **Brevet invenție Nr 132576B1**, Inventatori: Râpă Maria, Preda Petruța, Grosu Elena, Lungu Maria, Coroiu Viorica, Vasile Cornelia, Darie-Niță Raluca Nicoleta, Dumitriu Raluca Petronela, Chifiriuc Mariana Carmen, Bleotu Coralia, Titlul: Compoziție polimerice pentru obținerea unui tub de drenare urinar cu proprietăți antimicrobiene, și procedeu de obținere a acestuia; BOPI5/2019, International Patent Classification: C08G 63/08, A61F 2/04.
5. Brevet invenție **RO132002A0 (A/00927/28.11.2016)** Metoda de identificare a unor compusi cu activitate antitumorală pentru tratamentul individualizat al pacienților cu cancer pancreatic