

## INFORMAȚII PERSONALE

**HORIA BUMBEA**


## LOCUL DE MUNCA

## POZIȚIA

Universitatea de Medicina si Farmacie "Carol Davila" Bucuresti  
 Spitalul Universitar de Urgență București  
 Profesor universitar Clinica Hematologie  
 Medic coordonator compartiment Transplant Medular  
 Coordonator Subprogramul de diagnostic și de monitorizare a bolii minime reziduale a bolnavilor cu leucemii acute

## EXPERIENȚA PROFESIONALĂ

2022-prezent

2013-2022

**Profesor universitar**  
**Conferentiar universitar**  
 Universitatea de Medicină și Farmacie "Carol Davila" București, Clinica de Hematologie Spitalul Universitar de Urgență București  
 Responsabil laborator de flowcitometrie din 2005, medic coordonator UTS 2013-2018, coordonator Subprogramul de diagnostic și de monitorizare a bolii minime reziduale a bolnavilor cu leucemii acute din 2014, medic coordonator compartiment transplant medular din 2017, responsabil SUUB gestionarea datelor din Registrul National de Transplant, M. O. 04.10.2018, coordonator program registrul donatorilor voluntari de celule stem periferice  
**Tipul sau sectorul de activitate**  
 Instruirea studentilor la medicina, rezidentilor, studentilor care dau lucrarea de licenta, doctoranzilor (din 2019), proiecte de cercetare in domeniul medical, diagnostice prin flowcitometrie in hematologie, îngrijirea pacientilor, Investigator principal si subinvestigator în studii clinice. Activitate universitara, Activitate medicala în diagnosticul si terapia bolilor hematologice. Activitate de cercetare pentru aplicatia flowcitometriei in diagnosticul bolilor hematologice

## EDUCAȚIE ȘI FORMARE

- 2018** Abilitare Scoala Doctorala UMF Carol Davila OMEN 4286/08.08.2018
- 2015-2016** Curs „Dezvoltarea competențelor în transplant” POSDRU/186/3.2/S/155295
- 2014-2015** Curs Studii Complementare in Managementul serviciilor de sanatate  
Diploma Seria C nr. 036554/01/07/2015 eliberata de Ministerul Sanatatii  
Școala Națională de Sănătate Publică Management și Perfectionare în Domeniul Sanitar
- 2012** Curs Evaluarea si tratarea riscului in sistemele de management (26-28.11.2012)  
Diploma nr. 905/28.11.2012 eliberata de SC Q-Inspect SRL Bucuresti, Quality-Environmental & OHSAS Management Systems
- 2011** Calificare Manager proiect  
Diploma seria G nr. 00247467/29.11.2012 eliberata de Ministerul Muncii, Familiei si Protecției Sociale si Ministerul Educației, Cercetării, Tineretului si Sportului Institutul National de Dezvoltare Cercetare in domeniul patologiei si științelor biomedicale "Victor Babeș" București
- 2002-2007** Doctor in medicina, Diploma Serie E Nr 0005516  
Titlul tezei: "LIMFOPROLIFERARILE CRONICE CU LIMFOCIT B CD5 POZITIV, EXPRESIA VARIABILĂ IMUNOFENOTIPICĂ ȘI MOLECULARĂ."  
Universitatea de Medicina si Farmacie "Carol Davila" București
- 2001-2005** Calificare ca medic primar in hematologie clinică, No 971/2005  
Hematologie clinică și de laborator  
Ministerul Sănătății si al Familiei
- 2004** Calificare pentru hematologie de laborator, Diploma No15005/2004  
Ministerul Sănătății și al Familiei
- 1994-2001** Calificare ca medic specialist in hematologie clinica, No 866/2001

- Medicina internă, ecografie abdominală, hematologie clinică și de laborator, Flowcitometrie Ministerul Sănătății și al Familiei
- 1988 – 1994** Facultatea de Medicină Generală Universitatea de Medicină și Farmacie “Carol Davila”- București – Absolvent cu media 9,63. Lucrare de diplomă cu tema: Dermatoze lichenoid.
- 1983 – 1987** Liceul de Matematică Fizică « Dr. Ioan Meșotă » – Brașov

Limba maternă  
COMPETENȚE PERSONALE

Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	B2	B2	B2	B2	B2
Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.					
Germana	A1	A1	A1	A1	A1
Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.					
Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat Cadru european comun de referință pentru limbi străine					

Competențe de comunicare  
Competențe organizaționale/manageriale

Curs comunicare prin conferințele anuale CMMB 2016-2020

Experiență în munca în diferite echipe naționale în timpul participării la diverse cursuri practice, proiecte colaborative de cercetare, în echipe multinaționale în timpul diferitelor cursuri practice din Elveția, Germania, Spania, Danemarca, Anglia și Franța.

Această experiență a fost consolidată în laboratorul propriu în timpul coordonării laboratorului de flowcitometrie și în organizarea periodică a conferințelor naționale în citometrie, începând cu anul 2005 și a grupului de pacienți cu mielom multiplu, începând cu anul 2009, ateliere de lucru cu participare națională și internațională, coordonator al UTS și al compartimentului de Transplant Medular.

Participări la workshopuri internaționale ca parte a grupurilor de lucru WP4, WP7, WP10 ale EuropeanLeukemiaNet, EuropeanMyelomaNetwork și ERIC, și ale Comisiei Europene de Sănătate Publică (EUCERD Luxembourg, 8 Martie 2011)

- Responsabil laborator de flowcitometrie Spitalul Universitar de Urgență din martie 2005 în cadrul căruia am organizat introducerea analizei ZAP-70 în analiza de rutină a prognosticului pacienților cu LLC și a diagnosticului prin flowcitometrie.
- Implementarea tehnicii de analiza a LCR prin flowcitometrie în afecțiunile maligne hematologice în România (curs de pregătire în perioada 3-5 Martie 2010, Salamanca, Spania) și a analizei MRD în mielomul multiplu (curs de pregătire în Martie 2011, Aarhus, Danemarca).
- Responsabil științific al unui Grant Național de Cercetare, membru în echipa de cercetare în 3 Granturi Naționale PNCD-I, CEEX și în 5 proiecte VIASAN, CNCSIS începând cu anul 2002.
- Director proiect Hematologie Programul Mecanism Financiar Norvegian - PROIECT RO 19.10 “Îmbunătățirea serviciilor de sănătate în sarcina cu risc, nașterea prematură și bolile hematologice”
- Coordonator UTS al SUUB perioada 2013 – 2018, coordonator compartiment Transplant Medular SUUB din 2017, acreditat din 2018
- Coordonator SUUB al Subprogramului de diagnostic și de monitorizare a bolii minime reziduale a bolnavilor cu leucemii acute din 2014
- Investigator Principal în peste 16 studii internaționale și subinvestigator în 10 studii
- Experiență în cursuri de educație continuă, simpozioane, conferințe, fiind membru în comitetul de organizare de evenimente științifice (conferințe naționale, simpozioane, mese rotunde):
  - Masa rotundă cu tema „Actualități și perspective în tratamentul LGC”, București, 25.09.2009, organizată de Clinica Hematologie SUUB, UMF Carol Davila București, Colegiul Medicilor din România. Manifestare acreditată cu puncte EMC
  - Masa rotundă cu tema „Actualități și perspective în limfoproliferările cronice – translația datelor științifice în practica clinică –”, București, 11.12.2010, organizată de Clinica Hematologie SUUB, UMF Carol Davila București

- Actualități în diagnostic și perspective în sindroamele mielodisplazice – abordare complexă; Invitat special: Profesor Dr. Marie-Christine Béné, Nancy, Franța, organizată de Clinica Hematologie SUUB, UMF Carol Davila București, 16 Septembrie 2011
- Congresul Asociației de citometrie din România, începând din anul 2005
- Cursuri de imunofenotipare organizate prin Centrul de perfecționare al medicilor și farmaciștilor (2004, Spitalul Clinic Colțea), UMF Carol Davila (din 2006 la Spitalul Universitar de Urgență), Asociația de calitate în laboratoare CALILAB (din 2013)
- Organizare anuală a întâlnirii pacienților intitulată Ziua pacientului cu mielom multiplu cu participare internațională începând din anul 2010 (speakeri: W Linkesh, N Kroger, J Sierra, E. Aerts, H. Ioniță, A-M Vlădăreanu, D. Coriu, S. Varadi, H. Bumbea, A. Tănase)
- Organizarea primului curs internațional de instruire a personalului mediu pentru îngrijirea pacienților organizat prin EBMT Nursing Group – lector Erik Aerts (3 editii)
- Organizare Ziua Mastocitozei anual, coordonare registrul ECNM ptr Romania
- Coordonare colaborari stiintifice grup ATLL, limfoame – colaborare cu Hopital Necker, Paris
- Organizare sesiuni educationale la Conferinta CMMB din 2016, la conferintele organizate de SRH anual
- Membru în board-ul Societății Române de Hematologie, începând din 2011, vicepresedinte din anul 2021
- Fondator al Grupului Național al pacienților cu mielom multiplu Myeloma Euronet Romania.
- Coordonator centrul ECNM Romania din 2017, Centrul de Expertiza in Boli Rare Hematologice SUUB din 2018
- Coordonarea Grupului de Diagnostic Hematologic Integrat si în LLC și membru in alte grupuri de lucru SRH
- Vicepresedinte al Asociației de Citometrie din Romania 2013-2017, presedinte din 2017
- Membru fondator al Societății Române de Transplant Medular din 2017, vicepresedinte din 2021
- Vicepresedinte al BEX al Colegiului Medicilor din București din 2015, reales 2020
- Vicepresedinte al comisiei consultative de hematologie a Ministerului Sanatatii din 2014, presedinte din 2021
- Membru in consiliul medical, comitetul de etica, al SUUB, membru in consiliul profesoral si senatul universitar UMF Carol Davila Bucuresti

Competențe dobândite la locul de muncă

Folosirea, evaluarea performanței și depanarea echipamente de laborator: flowcitolmetru, experiență dobândită în timpul cursurilor internaționale practice în Nyon (Beckman Coulter), Heidelberg (Becton Dickinson), cursuri internațional, competent în Hematologia de Laborator, mai mult de 20 ani de experiență în diagnosticul afecțiunilor maligne hematologice prin flowcitolmetrie

O bună cunoaștere a proceselor de control al calității (în prezent fiind responsabil cu managementul calității)

Coordonator compartiment Transplant Medular, coordonator programe și subprograme naționale

Activitate clinica

Activitate didactica pentru studentii de Medicina Generala, inclusiv Modul Limba Engleza, cursuri optionale, coordonare lucrari de licenta

Activitate didactica medici rezidenti

Conducator lucrari de doctorat Scoala Doctorala a UMF Carol Davila Bucuresti

Membru în numeroase comisii de examinare in examene pe post, promovare cadre didactice

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](#)

Foarte bune cunostinte de operare a computerului, Competent cu majoritatea aplicațiilor de software pe platformele PC-WINDOWS și MacOS (grafică, statistică, editarea aplicațiilor, prezentări, etc.) – dobândite prin cursuri universitare și auto-educație

#### Alte competențe

Competență în Hematologie de laborator - 2004 și Flowcitometrie – 1999-2019  
 Competența Managementul serviciilor de sanătate – 2015, Managementul calitatii - 2023  
 Competența Transplant celule stem hematopietice POSDRU/186/3.2/S/155295 – 2016  
 Cursuri de pregătire în diagnosticul prin flowcitometrie:  
 1999 – Workshop de Flowcitometrie, Managementul Bolilor prin Flowcitometrie, University Medical Center, 9-10 Decembrie, 1999, Ljubljana, Slovenia  
 2002 – Curs de pregătire specializată în Flowcitometrie pe Sistemul XL, Beckman Coulter International S.A. Mai, 21-24, Nyon, Elveția  
 2006 – Pregătire în abordarea diagnosticului Leucemiei și Limfoamelor prin folosirea flowcitometriei pe baza ghidurilor internaționale – 26-28 Iulie 2006, BD Biosciences, Heidelberg, Germania  
 2006 – Curs de pregătire în Diagnosticul afecțiunilor maligne hematologice – 23-27 Octombrie 2006, Unitatea de Patologie și Hemopatologie, Spitalul Clinic, Universitatea din Barcelona, Spania, Lymphoma Forum of Excellence Path Program  
 2007 – Workshop EMN în utilizarea flowcitometriei în diagnosticul mielomului multiplu – 5-6 Mai, Leeds, Anglia  
 2009 – Al 5-lea curs European de citometrie clinică – Leucemie avansată, St. Etienne, Franța  
 2010 – Al 6-lea curs European de citometrie clinică – Leucemie avansată, Valencia, Spania  
 2010 - Workshop EMN în utilizarea flowcitometriei în diagnosticul mielomului multiplu – 23 Octombrie, Salamanca, Spania  
 2011 – Curs de pregătire pentru analiza cerebrospinală prin flowcitometrie – 2-5 Martie, Salamanca, Spania  
 2012 - EMN-A 2-a sesiune de pregătire în cazul mielomului multiplu - 14 Martie 2012, Aalborg, Danemarca  
 2012 - Al 8-lea curs European de citometrie clinică – Leucemie avansată, Budapesta, Ungaria  
 2013 – Al 9-lea curs European de citometrie clinică – Leucemie avansată, Luxembourg, Luxembourg  
 2014 - Al 10-lea curs European de citometrie clinică – Leucemie avansată, Lisabona, Portugalia  
 2015 – Curs Euroflow de avansată în diagnosticul leucemiilor acute și boala minimă reziduală, București, România  
 2015 - Al 11-lea curs European de citometrie clinică – Naxos, Sicilia  
 2016 – Al 12-lea curs European de citometrie clinică – Edinburgh, Scoția  
 2017 – Al 13-lea curs European de citometrie clinică – Thessaloniki, Grecia  
 2018 – Al 14-lea curs European de citometrie clinică – Valencia, Spania  
 2019 – Al 15-lea curs European de citometrie clinică – Bergen, Norvegia

#### Alte cursuri:

1991 – Curs opțional de imunologie, UMF “Carol Davila” București, lector Prof. Dr. Dan Colita  
 1993 – Curs de imagistică medicală, UMF “Carol Davila” București  
 1997 – Curs de ecografie generală Sept.- Dec. 1997, Spitalul Cantacuzino, București  
 1998 – Curs intensiv de urgențe medicale - main speaker - J.B. Gillet M.D. de la Louvain Catholic University, Clinics St.Luc & Mont-Godinnne, 11 – 13 martie 1998, Institutul N. G. Lupu, București  
 1999 – Al patrulea curs european de pregătire în transplantul de sânge și măduva (Euroconferința), 27-30 Mai, 1999 Galway, Republica Irlanda  
 2000 – John Humphrey International Course of Immunology on self-tolerance and self-recognition, 15-19 May, 2000, Sinaia, România – organizat de European Federation of Immunological Societies și RSI, Iași Branch  
 2005 – “Controlul extern de calitate, o necesitate pentru laboratoarele de analize medicale” – seminar, 24 Noiembrie 2005, Centrul de Imunogenetică și Virusologie & Asociația Laboratoarelor Medicale din România, Institutul Clinic Fundeni  
 2006 – “Case-based Approaches to the Management of Multiple Myeloma” – educational activity on 11th Congress of European Association of Hematology, Netherlands, Amsterdam, 15th June 2006, Current Therapeutics Inc. Department of Professional Education  
 2007 – Advanced Training Course on Evolving Therapies in B-CLL and T cell Lymphomas, Cancer Center Karolinska Stockholm, Sweden, 6-7th February 2007  
 2012 – Managementul Proiectului. Element esențial în accesarea și utilizarea fondurilor europene în domeniul medical, București, 21-25 noiembrie 2011, INCD “Victor Babes”, Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007-2013 POSDRU/81/3.2/S/58819

2014-2015 - Curs Studii Complementare în Managementul serviciilor de sanătate, Școala Națională de Sănătate Publică Management și Perfecționare în Domeniul Sanitar

2015-2016 - Curs „Dezvoltarea competențelor în transplant” POSDRU/186/3.2/S/155295

**Permis în România, la vehiculele de categorie B**

#### Permis de conducere

## INFORMATII SUPLIMENTARE

 Activitate stiintifica  
Publicații

**Autor sau coautor în tratate sau monografii in edituri medicale consacrate**
**Prim autor 2 cărți:**

1. **„Actualități în leucemia limfocitară cronică – particularități în etiopatogenie, prognostic și tratament”**. Sub redacția Horia Bumbea, Ana-Maria Vlădăreanu  
10 Capitole, 148 Pagini, Limba - Romana, Editura Medicală AMALTEA, București, 2012. ISBN 978-973-162-113-5
2. **“Terapii moderne în cancer 2020 Oncologie - Hematologie”**. Dan Corneliu Jinga, Horia Bumbea, București, Viața Medicală, Medichub Media, 2020, ISBN 978-606-94854-5-3

**Colaborator la 15 cărți:**

3. **“Boli interne”** Editura National 1998: - coordonator prof. univ. dr. Dan Georgescu (membru in colectivul de autori), 2 vol. ISBN 973-9308-25-2.
4. **“Afecțiunile medicale asociate sarcinii”** - sub redacția Radu Vlădăreanu, Editura Infomedica, București, 1999, 22 Capitole, 278 Pagini, Limba - Română, coautor la capitolele: Hipertensiunea arterială și sarcina - cu R. Vlădăreanu, Diabetul zaharat și sarcina - cu R. Vlădăreanu, Boala tromboembolică și sarcina - cu R. Vlădăreanu și A-M. Vlădăreanu. ISBN 973-9394-22-1
5. **“Actualități în limfoamele maligne non-Hodgkiniene”** sub redacția Ana-Maria Vlădăreanu 33 Capitole, 395 Pagini, Limba – Romana, Editura Medicală Amaltea, București, Octombrie 2002, coautor la capitolele: “Principii generale si scheme de tratament in LMNH” si “Tratamentul recăderilor limfoamelor” cu Ana-Maria Vlădăreanu și Mirela Lăcătuș. ISBN 973-9397-48-4 Cartea a fost premiată cu Premiul “Victor Babeș” al Academiei Române de Știință in 21 decembrie 2004 – ca cel mai valoros premiu al Personalului Academic Român
6. **“Bazele Hematologiei Clinice”** Editura M.A.S.T. 2002, sub redacția Conf. Dr. Anca Roxana Lupu, colaborator. ISBN 973-8011-36-1
7. **“Diagnosticul hemopatiilor Maligne în note și imagini de atlas”** sub redacția Ana-Maria Vlădăreanu, 5 Capitole, 380 Pagini, Limba - Romana, Editura Universitară “Carol Davila”, București, Decembrie 2007, colaborator. ISBN 978-973-708-281-7
8. **“Patologia hematologică a femeii în perioada fertilă”**, sub redacția Ana Maria Vlădăreanu, 22 capitole, 278 pagini: Editura Infomedica decembrie 2007, coautor la cap.2. Disfuncția endotelioplachetară în preeclampsie. Si cap. 22 Utilizarea imunoglobulinelor în sarcină și la femeia în perioada fertilă. ISBN 978-973-7912-58-9
9. **“Limfoamele în Corelație cu Virusurile Limfotrope”** sub redacția Ana-Maria Vlădăreanu, 6 Secțiuni, 38 Capitole, 256 Pagini, Limba - Romana, Editura Medicală AMALTEA, București, Decembrie 2007, colaborator. ISBN 978-973-162-006-0
10. **„New Approaches to the Management of Primary and Secondary CNS Tumors”**, chapter 8, Primary Central Nervous System Lymphoma, by Mihnea Zdregheea, Delia Dima, Ciprian Tomuleasa, Horia Bumbea and Cristina Bagacean, 2017, ISBN 978-953-51-3051-2.
11. **„Repercursiuni miocardice și coronariene în boli cronice”**, sub redacția Nicolae Baltă, 15 capitole, 444 pagini, Limba – Română, Editura Academiei Române, București, iulie 2017, coautor, ISBN 978-973-27-2780-5
12. **“Surgical Healing from Moleculular Mechanisms to Clinical Aspects”**, sub redactia Sebastian Gradinaru, Adriana Nica, 2017, Rotonda Publishing-Ippokratis Medical Bookstore, Grecia, coautor, ISBN 978-618-5288-08-2
13. **“Hematologie clinica”**, sub redactia Anca Roxana Lupu, Ana Maria Vlădăreanu, Daniel Coriu, Editura Universitara Carol Davila, 2017, ISBN: 978-973-708-983-0
14. **“Actualitati in medicina interna”** sub redactia Leonida Gherasim, Ioan Alexandru Oproiu. Editura Medicala 2019, coautor, ISBN: 973-39-0860-9
15. **“Compendiu de boli rare cu afectare oculara”**, sub coordonarea Florian Balta, Liliana-Mary Voinea, Media Med Publicis, Bucuresti, 2020, coautor, ISBN 978-606-8463-69-8
16. **“Ghid de ingrijire a pacientilor cu boli rare oculare”**, sub coordonarea Florian Balta, Liliana-Mary Voinea, Media Med Publicis, Bucuresti, 2020, coautor, ISBN 978-606-8463-65-0
17. **“Hematologie clinica”**, sub redactia Ionela Rotaru, Alina Daniela Tanase, Editura Medicala Universitara, Craiova, 2020, coautor, ISBN 978-973-106-336-2

Autor sau coautor a peste 95 articole si studii publicate in reviste indexate in baze de date internaționale sau reviste medicale românești recunoscute CNCSIS, dintre care peste 44 indexate in ISI si 82 ISI/Pubmed (articole in extenso)

Autor sau coautor a peste 200 de Comunicări, Rapoarte Sesiuni Educaționale, Prezentări Orale, Postere, abstracte acceptate/prezentate la conferințe, simpozioane, congrese, internaționale (124) și naționale (120)

Autor sau coautor a peste 200 lucrari raportate (abstracte / in extenso) publicate în volumele manifestărilor științifice internaționale si naționale

h-index WOS core 12, Scopus 13, Google Scholar 19, i10 index 28  
citari 904 WOS, 1.320 Scopus, 2.276 Google Scholar



Membru în comitetul editorial al unor reviste de specialitate

1. Revista Națională Medicală - membru în secretariatul de redacție în anul 1998
2. Revista de Tromboză și Hemostază – membru în secretariatul de redacție din 2005
3. University Journal of Hemostasis and Thrombosis – asistent editor din 2011
4. Romanian Journal of Hematology and Oncology – din 2014
5. Documenta Hematologica – din 2013, Executive editor din 2022
6. Medicina Modernă – din 2016
7. Frontiers in Medicine – din 2021 guest editor

Referent

1. Cytometry part A (revista indexată ISI) în anul 2009-2010, Impact Factor: 3.729
2. Acta Endocrinologica (revista indexată ISI) din anul 2011, Impact Factor: 0.183
3. Journal of Clinical Medicine (revista indexată ISI)
4. Romanian Journal of Internal Medicine (revista indexată ISI)
5. Maedica (revistă națională CNCSIS B+) din anul 2010

Premii

1. "Efectul factorului VII-a recombinant asupra expresiei receptorilor de fibrinogen (apreciat prin imunofenotipare trombocitară)" E. Moiescu, Delia Mut Popescu, H. Bumbea, Luminita Ardelean, Viorica Bumbea, Mihaela Vartic, Ioana Simion, A. Muresan, B. Oprita  
**Premiul III la Simpozionul Societății Romane de Anestezie și Îngrijire Intensivă, Sinaia, Iunie 2002**
2. "Studiu privind activarea trombocitară la pacienții hipertensivi"  
Corina Homencovschi, Minerva Muraru, Adriana Ghiurghean, H. Bumbea, I. Bruckner  
**Premiul II la al 41-lea Congres de Cardiologie 25-28 Septembrie 2002**
3. „Actualități în limfoamele maligne nonhodgkiniene”: 33 Capitole, 395 Pagini, Limba - Romana, Ana-Maria Vlădăreanu Editura Medicala Amaltea, ISBN 973-9397-48-4 – Octombrie 2002. Coautor în 2 capitole: "Principii generale și scheme de tratament în LMNH" și "Tratamentul recăderilor limfoamelor" cu Ana-Maria Vlădăreanu și Mirela Lăcătuș.  
Cartea a fost premiata cu **Premiul "Victor Babeș" al Academiei Romane de Știință** în 21 XII 2004 – ca cel mai valoros premiu al Personalului Academic Roman
4. **Premiul Universității de Medicină și Farmacie "Carol Davila"** pentru cartea „Diagnosticul hemopatiilor Maligne în note și imagini de atlas”, Ana-Maria Vladareanu, la Zilele Universității Carol Davila, 6 noiembrie 2008 (colaborator).
5. **Premiul pentru cel mai bun articol publicat în Jurnalul de Medicina Interna în anul 2008**, pentru articolul: "Defects in platelet surface antigens in Chronic Myeloproliferative Syndrome identified by flow cytometry analysis" Horia Bumbea, Ana-Maria Vladareanu, Sinziana Radesi, Veronica Vasilache, Cristina Ciufu, Anca Petre, Diana Cisleanu, Madalina Begu, Irina Voican, Cristina Marinescu, Viola Popov\*, Minodora Onisai, Mihaela Dervesteanu. Medicina Interna Nr. 1/2008 Vol VI/Serie noua.
6. **Premiul ISTH 2011 Developing World Scientist Grants** pentru lucrarea „The risk of stroke and myocardial infarction in patients with myeloproliferative neoplasms. A study of the importance of platelet aggregation” Viola Maria Popov, Ana Maria Vladareanu, Horia Bumbea, Eugenia Kovacs, Tudor Savopol, Adrian Tase, Minodora Onisai, Mihaela Camelia Stancu, Anca Maria Ilea, Camelia Dobrea. XXIII Congresul ISTH, Iulie 23-28, 2011 în Kyoto, Japonia Congress Abstract CD-ROM, supliment la Journal of Thrombosis and Haemostasis.
7. **Premiul Reach the World Grant** pentru lucrarea The fluidity of platelet membrane an important parameter for platelet function in chronic myeloproliferative neoplasms patients Viola Maria Popov, Horia Bumbea, Tudor Savopol, Ion Dumitru, Bogdan Matei, Christien Oktaviani Matei, Mihaela Andreescu, Meilin Omer, Felicia Mihai, Oana Patrinoiu, Ana Maria Vladareanu, Mihaela Georgeta Moiescu, Poster PB041, Prezentare poster: la 64th Meeting of the International Society on Thrombosis and Haemostasis, Dublin, Irlanda, 18-21 iulie 2018,.

Activitate în cercetare

**Experiență în 11 proiecte de cercetare naționale: 1 CNCSIS, 3-VIASAN, 2-CEEX, 3-PNCD-I 1-grant național cu finanțare din fonduri europene, 1-POCU**

**Director Hematologie:**

- RO19.10 „Îmbunătățirea serviciilor de sănătate în sarcina cu risc crescut, nașterea prematură și boli hematologice”, în cadrul programului RO19 „Inițiative în sănătatea publică”, finanțat prin Granturi Norvegiene 2009 - 2014, manager proiect Prof. Dr. Monica Cirstoiu, buget 7,3 milioane lei

**Responsabil științific:**

- Partener 1 SUUB in Proiect cu contractul nr. 62-087/2008 pentru BAC-LC PNCD1 – 2008-2011 “Biomarkeri și agenți de chimioprevenție în limfoproliferările cronice”. Director Institutul National de Virusologie “Ștefan Nicolau” – Cercetător științific Dr. Viviana Roman  
Finanțare Buget de Stat – Ministerul Educației, Cercetării și Tineretului 2.000.000 lei / subcontract 300.000 lei

**Membru in echipa de cercetare:**

- “Implementarea tehnicilor moderne de diagnostic in hemopatiile maligne” (2000-2002) – CNCSIS, Clinica de Hematologie Colțea, director Profesor Doctor Delia Mut Popescu
- „Patologia elementelor figurate ale sângelui in bolile cardiovasculare”, VIASAN, (2000-2002) Clinica de Hematologie Colțea – director Profesor Doctor Delia Mut Popescu
- „Rearanjamente ale genomului celular identificate la debutul unor mieloproliferări maligne”, (2001-2004) VIASAN, Clinica de Hematologie Colțea – director Dr. Nicoleta Olteanu-Berbec
- “Studiul patternului fragmentării ADN cromozomal corelat cu eficienta tratamentului cu citostatice si expresia bcl-2 in bolile limfoproliferative cronice cu celula B cu descărcare periferica” (2004-2006) contract nr.457 /2004 UCPN VIASAN Director INSTITUTUL NATIONAL “VICTOR BABES”
- CEEX MULTRO: Studiul complex al trombocitului in Sindroamele Mieloproliferative si Mielodisplazice, nr. 62/2005, 2005-2008, Director SUUB Conf. Dr. Ana-Maria Vlădăreanu  
Finanțare Buget de Stat – Ministerul Educației și Cercetării, ANCS, Programul Cercetare de Excelență valoare totală 1.390.000 lei
- CELULELE STEM HEPATICE FETALE: CARACTERIZARE SI CONDITIONARE IN VEDEREA TRANSPLANTULUI CELULAR, CEEX modul I/2006, (2006-2008) nr 5560 Director Conf. Dr. Cristina Vidulescu, Finanțare Buget de Stat – Ministerul Educației și Cercetării, ANCS, Programul Cercetare de Excelență
- LMCROM: “ Monitorizarea moleculara a oncogenei hibrid BCR-ABL în leucemia mieloidă cronică (LMC) prin PCR real time cantitativ: fondarea registrului național pentru pacienții cu LMC”. PNCD1-2007-2010/ Director UMF Carol Davila – Conf. Dr. Daniel Coriu  
Finanțare Buget de Stat – Ministerul Educației, Cercetării și Tineretului valoare totală 2.000.000 lei / subcontract 185.000 lei
- LIMFO-VIR: “Corelarea metodelor de diagnostic privind evaluarea implicării virusurilor hepatice in limfoproliferările cronice – prevalenta infecției si identificarea unor mecanisme moleculare implicate in oncogeneza” - PNCD1- 2007-2010/ Director Inst. Matei Balș – Conf. Dr. Victoria Arama  
Finanțare Buget de Stat – Ministerul Educației, Cercetării și Tineretului 2.000.000 lei / subcontract 380.000 lei
- PED 141/2017 (cod inregistrare PN-III-P2-2.1-PED-2016-1315) Rolul microparticulelor in mecanismele patogenetice ale complicatiilor vasculare la pacientii cu mieloproliferari cronice – Dr. Viola Maria Popov, decembrie 2017 – iunie 2018 Finanțare Buget de Stat – Ministerul Educației, Cercetării și Tineretului 600.000 lei
- OCURARE, „Diagnosticul si terapia bolilor rare sistemice cu afectare oculara” POCU/91/4/8/109169, 2017-2020, Spitalul Universitar de Urgenta Bucuresti – manager proiect Istrate Sinziana Luminita

Diseminarea proiectelor este prezentata in anexa 3.

**Experiență în peste 26 trialuri clinice: 16 investigator principal, 1 coordonator de studiu și 9 ca subinvestigator****Investigator principal**

1. A Randomized, Open-Label, Multicenter Study of Velcade with Rituximab or Rituximab Alone in Subjects with Relapsed or Refractory, Rituximab naïve or sensitive Follicular B cell Non-Hodgkin’s Lymphoma  
Protocol 26866138-LYM-3001; Phase 3  
CRO, Sponsor: Johnson & Johnson; – 2006-2010 – investigator principal
2. A Phase IIB, Randomized, Double-Blinded, Placebo Controlled Study of Low Dose Cytarabine and Lintuzumab Compared to Low Dose Cytarabine and Placebo in Patients 60 years of Age and Older with Previously Untreated AML  
Protocol: SG033-0003  
Sponsor Seattle Genetics  
CRO: PSI Pharma 2007-2009 – investigator principal
3. A Randomised, Open-Label Multicentre Phase 3 Study of the Combination of Rituximab, Cyclophosphamide, Doxorubicin, VELCADE, and Prednisone (VeR-CAP) or Rituximab, Cyclophosphamide, Doxorubicin, Vincristine, and Prednisone (R-CHOP) in Patients With Newly Diagnosed Mantle Cell Lymphoma who are not eligible for a Bone Marrow Transplant.  
Protocol: 26866138-LYM 3002  
Sponsor: Johnson & Johnson Pharmaceuticals  
CRO: Quintiles SRL Romania, – din 2009-2013– investigator principal
4. TORISEL 3066k1-4438-WW (B1771007): A Randomized, Phase 4 Study Comparing 2 Intravenous Temsirolimus

(TEMSR) Dose Regimens in Subjects with Relapsed, Refractory Mantle Cell Lymphoma Protocol  
Protocol: 3066k1-4438-WW (B1771007)  
Sponsor: Pfizer 2010 – investigator principal  
CRO: Wyeth, Pfizer

5. PX-171-009-A Randomized, Multicenter, Phase 3 Study Comparing Carfilzomib, Lenalidomide, and Dexamethasone (CRd) vs Lenalidomide and Dexamethasone (Rd) in Subjects with Relapsed Multiple Myeloma  
Protocol: PX-171-009  
Sponsor: Onyx. Din 2010 investigator principal  
CRO: PSI Pharma
6. CAMN107EIC01-A Phase IIIb, multicentre, open-label study of nilotinib in adult patients with newly diagnosed Philadelphia chromosome and/or BCR-ABL positive in chronic phase.  
Sponsor: Novartis din 2010 investigator principal
7. Apply – Studiu prospectiv, observational cu Aranesp, efectuat la pacientii cu anemie indusa de chimioterapie  
Protocol: 20101343  
Sponsor: Amgen GmbH  
CRO: Amgen Romania din 2011 investigator principal
8. Studiu de faza IV pentru PTI cronic refractar/ recadere  
Protocol: IgPro10-4001  
Sponsor: CSL Behring - 2011 - investigator principal
9. A phase 3, randomized, open-label, multicenter Trial of Alisertib or Investigators Choice in Patient with relapsed/refractory peripheral T-cell lymphoma  
Protocol: MLN 8237, C14012, - 2012 - investigator principal  
CRO: PPD Pharma
10. Studiul MLN 9708 Nr C16010 – studiu de faza III pentru pacienti cu Mielom multiplu refractar/recadere  
Sponsor: Millenium Pharma  
Protocol: C16010  
CRO: Quintiles- 2012 - investigator principal
11. Studiul Daiichi AC220-A-U302 – studiu de faza III pentru pacienti cu leucemie acuta micoida FLT3 pozitiva, nou diagnosticati  
Sponsor: Daiichi  
CRO: Covance - 2017- investigator principal
12. Studiul 242435\_Dr. Reddy's Laboratories\_FLINTER – studiu pentru pacienti cu limfom folicular nou diagnosticati  
Sponsor: Dr. Reddy's  
CRO: Parexel - 2019- investigator principal
13. Studiul Candor 20160275 – studiu de faza III pentru pacienti cu Mielom multiplu refractar/recadere  
Sponsor: Amgen  
CRO: IQVIA 2018- investigator principal
14. Studiul ARROW 2 20180015 – studiu de faza III pentru pacienti cu Mielom multiplu nou diagnosticati  
Sponsor: Amgen  
CRO: Amgen 2019- investigator principal  
Studiul Samsung SB12-3003 – studiu de faza III pentru pacienti cu hemoglobinurie paroxistica nocturna prima linie, Sponsor: Samsung, CRO: PPD 2019 – investigator principal
15. Studiul PAREXEL\_242435 A Randomised, Double-blind, Parallel-group, Phase III Study to Compare the Efficacy, Safety, and Immunogenicity of Proposed Rituximab Biosimilar (DRL\_RI) with MabThera® in Subjects with Previously Untreated, Stage II-IV, Cluster of Differentiation (CD)20-Positive, Low Tumour Burden Follicular Lymphoma-sponsor Dr Reddys lab.-investigator principal
16. Studiul MOR208C310 - studiu de fază III multicentric, randomizat, dublu-orb, controlat cu placebo, pentru a compara eficacitatea și siguranța tafasitamab plus lenalidomidă în combinație cu R-CHOP versus R-CHOP la pacienți netratați anterior, care prezintă un risc intermediar înalt și risc înalt, diagnosticați recent cu limfom difuz cu celule B mari (DLBCL)-sponsor PSI Pharma-investigator principal

#### **Subinvestigator**

1. „A phase II randomized, open label, control trial of the addition of 8 week subcutaneous (sc) administration of aldesleukin (RH-interleukin-2 [IL-2]) to 4 weeks intravenous (i.v.) administration of Rituximab (Rituxan – Mabthera) in the treatment of Rituximab naive subjects with follicular nonhodgkin lymphoma, refractory or relapse at prevoiously chemotherapy” - subinvestigator



- Firma PSI Pharma; sponsor: Chiron Corporation, perioada: 2004-2006
2. An open-label, multicenter, randomized, comparative, phase III study to evaluate the efficacy and safety of rituximab plus fludarabine and cyclophosphamide (FCR) versus fludarabine and cyclophosphamide alone (FC) in previously treated patients with CD20 positive B-cell chronic lymphocytic leukemia (CLL) studiul REACH  
BO17072, „Reach” Phase III  
CRO: Firma PSI Pharma; Sponsor: Hoffman-La Roche, 2004 – 2008 coordonator de studiu (study coordinator)  
PI: Prof. Dr. Delia Mut Popescu
  3. “Eficienta si siguranta produsului XM02 in limfoamele agresive”, - subinvestigator  
Firma Parexel, sponsor Biogenerix 2005 – 2008  
Investigator principal: Prof. Dr. Ana-Maria Vladareanu, Subinvestigator: Dr. Horia Bumbea
  4. DACO-016: Randomized Phase 3 Trial of Decitabine Versus Patient’s Choice with Physician’s Advice of Either Supportive Care or Low-dose Cytarabine for the Treatment of Older Patients with Newly Diagnosed Acute Myeloid Leukemia  
Firma PRA; sponsor: MGI Pharma – inceput din 2005 – 2008  
Investigator principal: Prof. Dr. Ana-Maria Vladareanu, Subinvestigator: Dr. Horia Bumbea
  5. XM01-22”Eficienta si siguranta produsului XM-01 comparat cu placebo la pacientii cu tumori solide si tumori nonmieloide hematologice care primesc cure fara saruri de platina ”  
Firma Parexel, sponsor Biogenerix 2006 -2008  
Investigator principal: Prof. Dr. Ana-Maria Vladareanu, Subinvestigator: Dr. Horia Bumbea
  6. XM01-23 ”Eficienta si siguranta produsului XM-01 comparat cu placebo la pacientii cu limfoame cu grad mic de agresivitate, leucemie limfatica cronica sau mielom multiplu care primesc chimioterapie” – subinvestigator Dr. Horia Bumbea  
Firma Parexel, sponsor Biogenerix 2006 - 2008
  7. PIX 301 – Pixantrone (BBR2778) vs. Other Chemotherapeutic Agents for Third-line Single Agent Treatment of Patients with Relapsed Aggressive Non-Hodgkin’s Lymphoma: A Randomized, Controlled, Phase III Comparative Trial  
Investigator principal: Conf. Dr. Ana-Maria Vladareanu, Subinvestigator: Dr. Horia Bumbea  
Firma PSI Pharma Support Intl; 2006 - 2008
  8. Extend (Eltrombopag extended dosing study) Randomized Phase 2 Trial of TRA105325 in Refractory ITP  
Investigator principal: Conf. Dr. Ana-Maria Vladareanu, Subinvestigator: Dr. Horia Bumbea  
GlaxoSmithKlinePharma - 2005 – 2006
  9. OMB 110913: A Phase III, Open Label, Randomized Trial of Ofatumumab Added to Fludarabine Cyclophosphamide vs. Fludarabine-Cyclophosphamide Combination in Subjects with Relapse Chronic Lymphocytic Leukemia  
GlaxoSmithKlinePharma – inceput in 2011  
Investigator principal: Prof. Dr. Ana-Maria Vladareanu, Subinvestigator: Dr. Horia Bumbea
  10. CA-204006:” Phase 3 Randomized Open Label Trial of Lenalidomide/Dexametasone with or Elotuzumab in subjects with Previously Untreated Multiple Myeloma  
Protocol: CA- 204006, 2011  
Investigator principal: Prof. Dr. Ana-Maria Vladareanu, Subinvestigator: Dr. Horia Bumbea

Membru Structuri / Societati Stiintifice

- Membru al Asociației Europene de Hematologie din 2000
- Membru al Societății Americane de Hematologie din Julie 2011
- Membru al Leukemia Net din 2004 din partea Universității de Medicina si Farmacie “Carol Davila” București
- Membru al European Research Initiative in CLL (ERIC) din 2008
- Membru al European Myeloma Network din 2007
- Membru al Societății Internaționale de Citologie Analitică (ISAC) 2008
- Membru al Societatii Europene de Analiza clinica celulara (ESCCA) din 2012
- Membru al Myeloma Euronet, din 2005
- Membru al Societății Române de Hematologie din 1998 – membru in board din 2011, vicepresedinte din 2021
- Membru al Asociației Române de Citometrie de la formarea acesteia din 2005, vicepresedinte din 2013, presedinte din 2017, reales in 2022
- Membru fondator al Myeloma Euronet Romania din 2006 – și consultant medical
- Membru fondator al Societatii Romane de Transplant Medular din 2017, vicepresedinte din 2021
- Fondator și coordonator al Grupului Român de Inițiativă în Diagnosticul Leucemiei limfocitare cronice in cadrul SRH – din 2009
- Membru Fondator al Grupului Român de Diagnostic hematologic integrat in cadrul SRH – din 2009

Vicepresedinte in Biroul Executiv al Colegiului Medicilor din Municipiul Bucuresti din 2015, reales in 2020

Vicepresedinte al Comisiei consultative de hematologie a Ministerului Sanatatii din 2014, si presedinte din 2021

## ANEXE

### Anexa 1.

#### **Articole relevante publicate in extenso in reviste ISI sau indexate PubMed și alte baze de date: 89 dintre care 48 in reviste cotate ISI cu factor de impact, 15 in calitate de autor principal**

1. Atypical Presentation for Adult T-Cell Leukemia/Lymphoma: a Case Report and Short Review of the Literature, Iuliana IORDAN, Ana-Maria VLADAREANU, Cristina MAMBET, Ion DUMITRU, Minodora ONISAI, Diana CISLEANU, Horia BUMBEA, *Maedica A Journal of Clinical Medicine*, Volume 19, No. 2, 2024.
2. Clinical Features and Survival Outcome in Aggressive-Type Adult T-Cell Leukemia/Lymphoma Patients: Real-Life Experience of a Single Center from an HTLV-1 Endemic Country, Iuliana Iordan, Ana-Maria Vlădăreanu, Cristina Mambet, Minodora Onisâi, Diana Cîsleanu and Horia Bumbea, *Medicina* 2024, 60, 872. <https://doi.org/10.3390/medicina60060872>
3. Additional booster doses in patients with chronic lymphocytic leukemia induce humoral and cellular immune responses to SARS-CoV-2 similar to natural infection regardless ongoing treatments: A study by ERIC, the European Research Initiative on CLL, A Campanella, A Capasso, S Helta, C Taccetti, E Albi, Y Herishanu, S Haggenburg, T Chatzikonstantinou, M Doubek, M Kättström, K Giannopoulos, M Simkovic, C Moreno, M Massaia, H Bumbea, S Alshemmari, P Ranghetti, E Perotta, F Martini, E Sant'Antonio, M Colia, C Combi, S Levi, A P Kater, M Hazenberg, I S Nijhof, Q Hofsink, C Demosthenous, J Kotaskova, J Zaleska, F Vrbacky, A Mora Raya, D Bisogno, I E Tripoli, V M Popov, V Roman, N Stavroyianni, M Karypidou, E Scarano, M Locatelli, M Frenquelli, L Scarfò, K Stamatopoulos, P Ghia, *Am J Hematol*, 2024 Jan 24. doi: 10.1002/ajh.27218.
4. Immune dysfunction in patients with end stage kidney disease; Immunosenescence – Review, Bumbea, VI; Bumbea, H and Vladareanu, AM, *ROMANIAN JOURNAL OF INTERNAL MEDICINE*, Nov 2023, DOI10.2478/rjim-2023-0030
5. Proinflammatory role of monocytes in SARS-CoV-2 infection in chronic hemodialysis patients, Bumbea V, Ardelean L, Radulescu L, Damian L, Bumbea H, Dumitru I, Lambert C, Vladareanu AM, *Frontiers in Immunology*, Aug 2023, Volume 14 DOI10.3389/fimmu.2023.1210961
6. Editorial: Flow cytometry - A powerful tool for diagnosis and therapy monitoring in hematology and immunology, Cenariu, M; Grewal, R; Bumbea, H; Sauma, D; Tomuleasa, C, Volume 10, DOI10.3389/fmed.2023.1282060
7. Mast cell leukemia: clinical and molecular features and survival outcomes of patients in the ECNM Registry, Kennedy, VE; Perkins, C; Reiter, A; Jawhar, M; Lübke, J; Kluin-Nelemans, HC; Shomali, W; Langford, C; Abuel, J; Hermine, O; Niedoszytko, M; Gorska, A; Mital, A; Bonadonna, P; Zanotti, R; Tanasi, I; Mattsson, M; Hagglund, H; Triggiani, M; Yavuz, AS; Panse, J; Christen, D; Heizmann, M; Shoumariyeh, K; Müller, S; Elena, C; Malcovati, L; Fiorelli, N; Wortmann, F; Vucinic, V; Brockow, K; Fokoloros, C; Papageorgiou, SG; Breynaert, C; Bullens, D; Doubek, M; Ilerhaus, A; Angelova-Fischer, I; Solomianyi, O; Várkonyi, J; Sabato, V; Rüfer, A; Schug, TD; Hermans, MAW; Fortina, AB; Caroppo, F; Bumbea, H; Gulen, T; Hartmann, K; Elberink, HO; Schwaab, J; Arock, M; Valent, P; Sperr, WR; Gotlib, J, *Blood Advances*, Apr 2023, 7 (9) , pp.1713-1724, DOI: 10.1182/bloodadvances.2022008292
8. Complement Inhibition in Paroxysmal Nocturnal Hemoglobinuria (PNH): A Systematic Review and Expert Opinion from Central Europe on Special Patient Populations, Imre Bodo´. Ismail Amine. Ana Boban. Horia Bumbea. Alexander Kulagin. Elena Lukina . Agnieszka Piekarska. Irena Preloznik Zupan. Juraj Sokol. Jerzy Windyga. Jaroslav Cermak, *Adv Ther*, April 2023, <https://doi.org/10.1007/s12325-023-02510-4>, 4,549
9. The Philadelphia Chromosome, from Negative to Positive: A Case Report of Relapsed Acute Lymphoblastic Leukemia Following Allogeneic Stem Cell Transplantation, Elena-Cristina Marinescu, Horia Bumbea, Iuliana Iordan, Ion Dumitru, Dan Soare, Cristina Ciufu and Mihaela Gaman, *Medicina* 2023, 59, 671. <https://doi.org/10.3390/medicina59040671>
10. Progress in Hematopoietic Stem Cell Transplantation and Cellular Therapies, Diana Cenariu; Horia Bumbea, Anca Colita, Catalin Constantinescu, Minodora Desmirean, Sabina Iluta, Daniel Lysák, Alberto Mussetti, Ioana Tichil, Alina Tanase, Ciprian Tomuleasa, *Journal of Clinical Medicine*, Volume 11, Issue 24, Article Number 7354, DOI10.3390/jcm11247354, DEC 2022, 4,964
11. Particularities of Neurological Manifestations in Adult T-Cell Leukemia/Lymphoma: Need for a Multidisciplinary Approach-A Narrative Review, Iordan, I; Onisai, M; Vladareanu, AM, Mambet, C, Marinescu, EC; Nistor, R, Bumbea, H, *Medicina-Lithuania*, Volume 58, Issue 11, Article Number 1553, Nov 2022, DOI10.3390/medicina58111553, 2,948
12. Mast Cell Leukemia: Clinical and Molecular Features and Survival Outcomes of Patients in the ECNM Registry, Vanessa E Kennedy, Cecelia Perkins, Andreas Reiter, Mohamad Jawhar, Johannes Lübke, Hanneke C. Kluin-Nelemans, William Shomali, Cheryl Langford, Justin Abuel, Olivier Hermine, Marek Niedoszytko, Aleksandra Gorska, Andrzej Mital, Patrizia Bonadonna, Roberta Zanotti, Ilaria Tanasi, Mattias Mattsson, Hans G Hagglund, Massimo Triggiani, Akif Selim Yavuz, Jens

- Peter Panse, Deborah Christen, Marc Heizmann, Khalid Shoumariyeh, Sabine Müller, Chiara Elena, Luca Malcovati, Nicolas Fiorelli, Friederike Wortmann, Dr. med., Vladan Vucinic, Knut Brockow, Christos Fokoloros, Sotirios G Papageorgiou, Christine Breynaert, Dominique Bullens, Michael Doubek, Anja Ilerhaus, Irena Angelova-Fischer, Oleksii Solomiani, Judit Varkonyi, Vito Sabato, Axel Rüfer, Tanja Schug, Maud A.W. Hermans, Anna Belloni Fortina, Francesca Caroppo, Horia Bumbea, Theo Gulen, Karin Hartmann, Hanneke Oude Elberink, Juliana Schwaab, Michel Arock, Peter Valent, Wolfgang Sperr, Jason Gotlib, American Society of Hematology, 2022 L Street NW, Suite 900, Washington, DC 20036, Phone: 202-776-0544 | Fax 202-776-0545, [bloodadvances@hematology.org](mailto:bloodadvances@hematology.org)
13. Mast Cell Diseases in Practice and Research: Issues and Perspectives Raised by Patients and Their Recommendations to the Scientific Community and Beyond, Susan V Jennings, Celeste C Finnerty, Jessica S Hobart, Mercedes Martín-Martínez, Kristin A Sinclair, Valerie M Slee, Julie Agopian, Cem Akin, Ivan Álvarez-Twose, Patrizia Bonadonna, Angela S Bowman, Knut Brockow, Horia Bumbea, Claudia de Haro, Jie Shen Fok, Karin Hartmann, Nicole Hegmann, Olivier Hermine, Monika Kalisiak, Constance H Katelaris, Jacqueline Kurz, Patrizia Marcis, David Mayne, David Mendoza, Alain Moussy, Genija Mudretzkyj, Nicoleta Nidelea Vaia, Marek Niedoszytko, Hanneke Oude Elberink, Alberto Orfao, Deepti H Radia, Sophie Rosenmeier, Eugenia Ribada, Waltraud Schinhofen, Juliana Schwaab, Frank Siebenhaar, Massimo Triggiani, Giuseppe Tripodo, Rocio Velazquez, Yvon Wielink, Friedrich Wimazal, Timo Yigit, Celia Zubrinich, Peter Valent, *J Allergy Clin Immunol Pract.* 2022 Aug;10(8):2039-2051. doi: 10.1016/j.jaip.2022.06.018.
  14. Coexistence of Trisomy 8 and 13 in a Newly Diagnosed Patient With Diffuse Large B Cell Non- Hodgkin Lymphoma and Acute Myeloid Leukemia Secondary to Primary Myelofibrosis, Bumbea, H; Popov, VM; Tomuleasa, C; Omer, M; Dobrea, C; Manea, I; Zurac, S; Popp, C; Dumitru, I; Simoiu, M; Mastalier, B, *Cureus Journal of Medical Science*, Volume 14 Issue 2, Article Number 22217, FEB 14 2022, Indexed 2022-03-09 DOI 10.7759/cureus.22217.
  15. Platelet Defects in Acute Myeloid Leukemia - Potential for Hemorrhagic Events, Horia Bumbea, Ana Maria Vladareanu, Ion Dumitru, Viola Maria Popov,\* Cristina Ciufu, Anca Nicolescu, Minodora Onisai, Cristina Marinescu, Diana Cisleanu, Irina Voican and Sinziana Sarghi, *J. Clin. Med.* 2022, 11, 118. <https://doi.org/10.3390/jcm11010118.4.567>
  16. Extramedullary Hematopoiesis of the Liver and Spleen, Diana Cenariu, Sabina Iluta, Alina-Andreea Zimta, Bobe Petrushev, Liren Qian, Noemi Dirzu, Ciprian Tomuleasa, Horia Bumbea and Florin Zaharie, *J. Clin. Med.* Dec 2021, 10, 5831, <https://doi.org/10.3390/jcm10245831.4.567>
  17. Evaluation of the impact of Covid-19 infection on the evolution and prognosis of patients with acute leukaemia, Meilin Omer, Ana M. Vladareanu, Viola M. Popov, Mihaela Andreescu, Lelia Iliescu, Horia Bumbea, Serban Dragosloveanu, *Romanian Journal of Laboratory Medicine*, vol. 29, nr. 4, Oct 2021 DOI: 10.2478/rllm-2021-0032. 0,945
  18. Primary, secondary or less frequent causes of immune thrombocytopenia: A case report, Onisai M, Vladareanu AM, Iordan I, Bumbea H, Gaman M, Ciufu C, Voican I, Cisleanu D, Vasile D, Marinescu C, Nicolescu A, Spinu A, Nistor R, Alexandru, *A EXPERIMENTAL AND THERAPEUTIC MEDICINE*, Volume 22 Issue 4 Article Number 1096 DOI 10.3892/etm.2021.10530
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## Anexa 2.

### **Cele mai reprezentative rezumate (postere, meetings abstracts) acceptate la conferințe internaționale și publicate în reviste indexate ISI, PubMed sau alte baze de date: 125 dintre care 100 reviste ISI cu FI**

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2. A phase III randomized clinical trial comparing SB12 (proposed eculizumab biosimilar) with reference eculizumab in patients with paroxysmal nocturnal hemoglobinuria. Presented at: EHA2022; June 9-12, 2022; Vienna, Austria. Abstract P829, J. H. Jang, R. Demichelis Gomez, H. Bumbea, L. Nogaieva, L. L. L. Wong, S. M. Lim, J. Park, Y. Kim, and S. Cho, P829, at EHA 2022, Hemasphere. 2022 Jun; 6 (Suppl): 723-724. Published online 2022 Jun 23. doi: 10.1097/01.HS9.0000846200.39589.36
3. Assessment of Hematologic and Coagulation Parameters As Predictive Value in COVID-19 with Unfavourable

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  5. Results from Treatment of a Large Cohort of ATL Patients from a Country with High HTLV1 Prevalence, Horia Bumbea, Ambroise Marçais, Daniel Coriu, Alina Daniela Tanase, Andrei Colita, Alexandru Bardas, Anca Roxana Lupu, Ana-Maria Vladareanu, Minodora Cezarina Onisai, Viola Maria Popov, Iuliana Iordan, Magda Diana Cisleanu, Daniela Stefania Vasile, Cristina Maria Ciufu, Zsofia Varady, Oana Gabriela Craciun, Daniela Georgeta Georgescu, Mihaela Andreescu, Cristina Mambet, Carmen C. Diaconu, Laura Necula, Monica Bunaciu, Adriana Necula, Stefan N Constantinescu, Olivier Hermine, 61st American Society of Hematology Annual Meeting & Exposition, *Blood* (2019) 134 (Supplement 1): 5288. <https://doi.org/10.1182/blood-2019-126434>.
  6. What Can We Expect after Performing Allogeneic Stem Cell Transplantation for Adult T Lymphoma in Patients from Romania, Europe? Alina Daniela Daniela Tanase, Oana Gabriela Craciun, Lavinia Lipan, Adela Ranete, Diana Laura Stefan, Zsofia Varady, Horia Bumbea, Andrei Colita, Olivier Hermine, Segiu Pasca, Patric Teodorescu, Ciprian Tomuleasa, 61st American Society of Hematology Annual Meeting & Exposition, *Blood* (2019) 134 (Supplement\_1): 5663. <https://doi.org/10.1182/blood-2019-126688>
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  10. ASSESSMENT OF PLATELET MEMBRANE ALTERATION IN PATIENTS WITH MYELOID METAPLASIA WITH MYELOFIBROSIS, Popov, V.; Matei, C. O.; Matei, B. M.; Leu, R.; Dumitru, I.; Dobrea, C.; Trifa, A.; Iova, A.; Begu, M.; Moisescu, M. G.; Savopol, T.; Kovacs, E.; Vladareanu, A. M.; Omer, M.; Andreescu, M.; Patrinoiu, O.; Georgescu, D.; Bumbea, H. PB2195, 24th Congress of European Hematology Association, 2019, HemaSphere. 3(S1):984, June 2019.
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14. The analyses of influence of platelet membrane fluidity in platelet receptors expression in chronic myeloproliferative neoplasms patients, Viola M Popov, Ion Dumitru, Bogdan Matei, Christien O. Matei, Mihaela Andreescu, Meilin Omer, Felicia Mihai, Oana Patrinoiu, Mihaela G. Moiescu, Tudor Savopol, Ana Maria Vladareanu, Horia Bumbea, 12th WORLD HEMATOLOGISTS CONGRESS, 15-16 martie 2018, Londra UK, <https://www.omicsonline.org/conference-proceedings/2155-9864-C1-031-008>.
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17. The Importance of Fluorescence Anisotropy of Platelet Membrane in Platelet Receptor Expression in Chronic Patients with Chronic Myeloproliferative Neoplasms V Popov, H. Bumbea, T.Savopol, I. Dumitru, B.M.Matei, C.O Matei, M. Andreescu, M. Omer, F. Mihai, O Patrinoiu, A.M.Vladareanu, M.G. Moiescu Presentare poster: la ESH International Conference on MPN, Saagart-Dublin, Irlanda, 15-17 mai 2018.
18. THE ROLE OF REACTIVE SPECIES PRODUCTION IN ASSESSMENT OF THROMBOTIC RISK IN CHRONIC MYELOPROLIFERATIVE NEOPLASMS PATIENTS V Popov, MG Moiescu, T Savopol, CO Matei, BM Matei, M Omer, F. Mihai, O Patrinoiu, M Andreescu, I. Dumitru, AM Vladareanu, H Bumbea, Presentare poster: la 25th Biennial International Congress on Thrombosis, Venetia, Italia, 23-26 mai 2018, Poster P-0159, [http://www.thrombosis2018.org/index.php?go=pre\\_comunicacion](http://www.thrombosis2018.org/index.php?go=pre_comunicacion)
19. EVALUATION OF PLATELET RECEPTOR EXPRESSION IN CHRONIC LYMPHOID LEUKEMIA TREATED WITH IBRUTINIB, Viola Popov, Ion Dumitru, Christien Oktaviani Matei, Bogdan Mircea Matei, Meilin Omer, Rebeca Leu, Mihaela Georgeta Moiescu, Tudor Savopol, Eugenia Kovacs, Horia Bumbea – PB2359 Al 23-lea Congres anual al Societatii Europene de Hematologie, EHA 2018, 14-17 iunie 2018 Stockholm, Suedia publicate in HemaSphere 2(S1) – 2018
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21. MUTATIONAL LANDSCAPE OF ACUTE MYELOID LEUKEMIA WITH NORMAL CYTOGENETICS IN ROMANIAN PATIENTS – A TARGETED NEXT GENERATION SEQUENCING PRELIMINARY REPORT, Aurora Arghir, Sorina Mihaela Papuc, Dan-Sebastian Soare, Eugen Radu, Iuliana Ciocănea-Teodorescu, Viola Popov, Mihaela Găman, Cristina Marinescu, Anca Nicolescu, Raluca Colesniuc, Meilin Murat, Mihaela Popescu, Oana Patrinoiu, Mihaela Andreescu, Nicoleta Berbec, Silvana Angelescu, Diana Cișleanu, Ana-Maria Vlădăreanu, Horia Bumbea Al 23-lea Congres anual al Societatii Europene de Hematologie, EHA 2018, 14-17 iunie 2018 Stockholm, Suedia publicate in HemaSphere 2(S1) – 2018 EHA Library. Arghir A. 06/14/18; 216210; PB1712 poster presentation.
22. The fluidity of platelet membrane an important parameter for platelet function in chronic myeloproliferative neoplasms patients Viola Maria Popov, Horia Bumbea, Tudor Savopol, Ion Dumitru, Bogdan Matei, Christien Oktaviani Matei, Mihaela Andreescu, Meilin Omer, Felicia Mihai, Oana Patrinoiu, Ana Maria Vladareanu, Mihaela Georgeta Moiescu, Poster PB041, Presentare poster: la 64th Meeting of the International Society on Thrombosis and Haemostasis, Dublin, Irlanda, 18-21 iulie 2018, premiul Reach the World Grant.
23. The assessment of JAK 2 mutation role in platelet membrane fluidity changes in chronic myeloproliferative neoplasms patients VM Popov, CO Matei, B Matei, A. Trifa, F. Raicu, M. Omer, R. Leu, T. Savopol, MG Moiescu, E Kovacs, M Andreescu, AM Vladareanu, H. Bumbea Presentare poster: la XXXVII World Congress of the, International Society of Hematology (ISH 2018), 13-16 septembrie 2018, Vancouver, Canada.
24. Hypereosinophilia of undetermined significance associated with incomplete criteria for systemic mastocytosis- Difficulties of management in clinical practice. Case report, Poliana Mihaela Leru, Vlad Florin Anton, Viola Popov, Horia Bumbea Congress of the European-Academy-of-Allergy-and-Clinical-Immunology (EAACI) Jan 2018
25. Assessment of Changes of Membrane Properties and Platelets Function in Patients with Chronic Myeloid Leukaemia, V. Popov, Vladareanu Ana Maria, Matei Mircea Bogdan, Matei Christien Oktaviani, Mihaela Georgeta Moiescu,



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26. Evaluation of Platelet Membrane Fluidity in Assessment of Thrombosis Risk at Chronic Myeloproliferative Neoplasms Patients, V. M. Popov, M. B. Matei, C. O. Matei, M. G. Moiesescu, M. Omer, M. Andreescu, F. Mihai, E. Kovacs, A. M. Vladareanu, H. Bumbea, T. Savopol, 10th International Congress on Myeloproliferative Neoplasms and Chronic Myeloid Leukemia, 2-3 noiembrie 2017, New York 2017, Poster, P105
  27. The importance of platelet membrane fluidity and oxidative stress in thrombotic complications acquired by chronic myeloproliferative neoplasm patients, V. M. Popov, M. Andreescu, M. Omer, A. Trifa, F. Mihai, C. Dragan, O. Patrinoiu, M. G. Moiesescu, T. Savopol, E. Kovacs, H. Bumbea, A. M. Vladareanu, European Hematology Congress Madrid 22-25 iunie 2017 E Poster, E1602 Hematologica, June 2017, 102:1-882, p 663
  28. Assessment of changes of membrane fluidity and platelet membrane potential in patients with chronic myeloproliferative neoplasms V. Popov, H. Bumbea, B. Matei, C. Matei, M. Omer, F. Mihai, M. Moiesescu, T. Savopol, VIIIth International Eurasian Hematology Oncology Congress, 18-21 octombrie 2017, Istanbul, Turkey, oral presentation, abstract OP-19 Leukemia Research, October 2017, 61:Suppl 1, ISSN 0145-2126
  29. Modification of platelet function in chronic lymphoid leukemia treated with Ibrutinib, V. M. Popov, M. G. Moiesescu, E. Kovacs, M. M. Bogdan, C. O. Matei, A. M. Vladareanu, H. Bumbea, T. Savopol, Lymphoma & Myeloma International Congress, 26-28 octombrie 2017, New York, USA, Poster, P-011
  30. IS THERE A CORRELATION BETWEEN PLATELET MEMBRANE FUNCTION AND FLUIDITY OF PLATELET MEMBRANE IN PATIENTS WITH MYELOPROLIFERATIVE NEOPLASMS? Viola Maria Popov, Ana Maria Vladareanu, Horia Bumbea, Eugenia Kovacs, Mihaela Georgeta Moiesescu, Tudor Savopol Congresul Societatii Internationale de hematologie de laborator Toronto 2013, poster presentation no 610, publicat in Int. Jnl. Lab. Hem. 2013 35 (Suppl. 1) 113
  31. HEMORRHAGIC RISK DUE PLATELET DYSFUNCTION IN MYELOYDYSPLASTIC PATIENTS. THE CORRELATIONS WITH ANEMIA SEVERITY AND IRON OVERLOAD, Popov Viola Maria, Ana Maria Vladareanu, Madalina Begu, Horia Bumbea, Ana Maria Iova, Cristina Baluta, Oana Cazaceanu, Mihaela Gaman, Mihai Popescu, Congresul Societatii Internationale de tromboza si hemostaza, Liverpool 2012, poster presentation
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102. Lack of CD34 expression in acute myeloid leukemia M1, marker of poor prognosis, H. Bumbea, A. Colita, N. Berbec, S. Angelescu, A. Lupu, D. Mut Popescu, A.M. Vladareanu, D. Casleanu, C. Ciufu, C. Georgescu, D. Barbu, O. Ciocan, G. Borsaru, EHA 8th Congress of the European Haematology Association, Lyon, France, 12-15 June 2003, published in *Haematologica - the hematology journal*, s1, Abstract Book, June 2003.
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112. "The variable expression of CD23 in CD5 positive lymphoproliferative disorders - a clue in diagnosis and prognosis", poster, prim autor with A.M. Vladareanu, D. Cisleanu, D. Barbu, S. Angelescu, G. Borsaru, A. Colita, N. Olteanu, V. Gaman, A. Lupu, D. M. Popescu. 6-th Annual Meeting of the European Haematology Association, Frankfurt, Germany, 21-24 June 2001. EHA 6th Annual Meeting of the European Haematology Association, Frankfurt, Germany, 21-24 June 2001
113. "Expression of CD38 on blast cells in acute myeloblastic leukemia - could it be a poor prognosis factor?" poster, prim autor cu A. M. Vladareanu, S. Avram, D. Cisleanu, V. Popov, D. Barbu, S. Angelescu, A. Lupu, D. M. Popescu. EHA 6th Annual Meeting of the European Haematology Association, Frankfurt, Germany, 21-24 June 2001
114. "Increasing of fibrinogen receptors expression on thrombocytes in uremic patients after treatment with recombinant activated factor VII - observed by flowcytometric immunophenotyping of thrombocytes", poster, prim autor cu D. M. Popescu, V. Bumbea, L. Ardelean, A.M. Vladareanu, A. Lupu, E. Moisescu. EHA 6th Annual Meeting of the European Haematology Association, Frankfurt, Germany, 21-24 June 2001
115. "Case of epidural infiltration in megakaryoblastic crisis CML" poster coautor cu A.M. Vladareanu, R. Gherasim, O. Bajenaru, D. Mut Popescu, F. Antohi, D. Cisleanu, D. Barbu, S. Angelescu, G. Borsaru, V. Popov, N. Caea, A. Lupu, A. Colita, N. Olteanu EHA 6th Annual Meeting of the European Haematology Association, Frankfurt, Germany, 21-24 June 2001
116. "Different patterns of hairy cell leukemia (clinical, morphological and immunophenotyping) - different responses to treatment", poster, coautor cu D. Popescu Mut, A.M. Vladareanu, D. Barbu, S. Angelescu, A. Lupu, S. Avram, D. Cisleanu, A. Colita, G. Borsaru, N. Olteanu. EHA 6th Annual Meeting of the European Haematology Association, Frankfurt, Germany, 21-24 June 2001
117. Neurological disorders in multiple mieloma - poster. Ana Maria Vlădăreanu, Raluca Gherasim, O. Băjenaru, Delia Mut Popescu, Nicoleta Caia, Diana Câșleanu, H. Bumbea, Anca Lupu, A. Coliță, Nicoleta Olteanu. 5-th Annual Meeting of the European Haematology Association, Birmingham, UK, 25-28 June 2000.
118. Adult T cell lymphoma-leukemia might be a problem in Romania – poster. Delia Mut Popescu, M. Pecec, Diana Câșleanu, Ana Maria Vlădăreanu, Nicoleta Caia, H. Bumbea, Anca Lupu, Doina Barbu, Nicoleta Olteanu, A. Coliță, A. Arghir. 5-th Annual Meeting of the European Haematology Association, Birmingham, UK, 25-28 June 2000
119. Metastatic ovarian neoplazia mimicking non-Hodgkin lymphoma - poster. Nicoleta Caia, R. Vlădăreanu, Delia Mut Popescu, Ana Maria Vlădăreanu, Irina Pacu, H. Bumbea, Diana Câșleanu, Viola Popov. 3rd Balkan Congress of Oncology, Poiana Brașov, România, 10-14 Sept 2000. *Radioterapie si Oncologie Medicala – Revista Societatii Romane de Radioterapie Oncologica – Supliment – volumul VI. Numarul 2. 2000. ISSN 1224-4252- pg 17s*
120. Is this a real borderline kind of lymphoproliferative disorder? – poster, H. Bumbea, Delia Mut Popescu, Ana Maria Vlădăreanu, Diana Câșleanu, Nicoleta Caia, Anca Lupu, Doina Barbu, Nicoleta Olteanu, A. Coliță, Gabriela Borșaru. 3rd Balkan Congress of Oncology, Poiana Brașov, România, 10-14 Sept 2000. *Radioterapie si Oncologie Medicala – Revista Societatii Romane de Radioterapie Oncologica – Supliment – volumul VI. Numarul 2. 2000. ISSN 1224-4252- pg 40s*
121. Uterine sarcoma seemed to be a myeloproliferative syndrome with fulminant course - case report, R. Vladareanu, D. Mut Popescu, AM Vladareanu, I Pacu, N Caia, H Bumbea, D Casleanu, V. Popov, 3rd Balkan Congress of Oncology, Poiana Brașov, România, 10-14 Sept 2000. *Radioterapie si Oncologie Medicala – Revista Societatii Romane de Radioterapie Oncologica – Supliment – volumul VI. Numarul 2. 2000. ISSN 1224-4252- pg 22s*
122. Disseminated intravascular coagulation – an unusual presentation of microscopic gastric adenocarcinoma – case report - poster. H. Bumbea, Delia Mut Popescu, Ana Maria Vlădăreanu, Diana Câșleanu, Nicoleta Caia, Anca Lupu, Doina Barbu, Nicoleta Olteanu, A. Coliță, Gabriela Borșaru. 3rd Balkan Congress of Oncology, Poiana Brașov, România, 10-14 Sept 2000. *Radioterapie si Oncologie Medicala – Revista Societatii Romane de Radioterapie Oncologica – Supliment – volumul VI. Numarul 2. 2000. ISSN 1224-4252- pg 32s*
123. Neurological disorders in monoclonal gammopathies - poster. Ana Maria Vlădăreanu, Raluca Gherasim, O. Băjenaru, Delia Mut Popescu, Nicoleta Caia, Diana Câșleanu, H. Bumbea, Anca Lupu, A. Coliță, Nicoleta Olteanu. 10-th Annual Meeting of the European Neurology Society Paris, 15-18 May 2000. Abstract Book

124. The relationship between plasma cells in peripheral blood and the response to treatment in multiple myeloma. H. Bumbea, Delia Mut Popescu, Ana Maria Vladareanu, A. Colita, Anca Lupu, D. Casleanu, V. Găman IV-th Congress of the European Haematology Association, Barcelona, Spain, June 9-12, 1999; published in Haematologica - the hematology journal, vol 84, Abstract Book, June 1999.
125. Abnormalities of platelet aggregation in chronic myeloproliferative disorders. Delia Mut Popescu, S. Avram, V. Găman, Anca Lupu, Ana Maria Vladăreanu, H. Bumbea, A. Colita, S. Angelescu. IV-th Congress of the European Haematology Association, Barcelona, Spain, June 9-12, 1999; published in Haematologica - the hematology journal, vol 84, Abstract Book, June 1999.

#### **Prezentări orale la congrese sau conferințe internaționale: 4**

1. Immunophenotyping features in specific genetic subgroups with FLT3-ITD and NPM1 mutations in acute myeloid leukemias, oral presentation poster flash, PFP-05, HEM-32, ESCCA 2019, 18-21 September, Bergen, Norway.
2. Medical Factors Affecting Medical Decisions, CML & Ph + ALL – State of the Art Expert Panel no 003 November 23rd – 24th, 2017 Praga, Republica Ceha.
3. Mantle cell lymphoma variant with hepatitis viral infection – a challenge in diagnosis and treatment, case No 5 la EBMT Lymphoma Course, 18-19 Octombrie 2012, București, Horia Bumbea
4. „Borderline expression of CD23 in B-CLL and mantle cell lymphoma” prezentare orală, Horia Bumbea, Ana-Maria Vladareanu, Diana Casleanu, Doina Barbu, Silvana Angelescu, Anca Lupu, Delia Mut-Popescu. The 8<sup>th</sup> Meeting of the Balkan Clinical Laboratory Federation, September 20-23, 2000, Sinaia, Romania.

#### **Alte publicatii:**

##### **Articole in extenso in publicatii neindexate**

#### **Reviste CNCSIS B, neindexate: 6**

1. Leucemia/Limfomul cu celula T a adultului - forma acuta - atitudine terapeutica si prognostic  
Diana Cisleanu, Mihaela Dervesteanu, Cristina Ciufu, Horia Bumbea, Madalina Begu, Sanziana Radesi, Minodora Onisăi, Ana Maria Vladareanu, Conf. Victoria Arama  
InfoMedica Nr. 1 (143)/2008 pg 41-45, (ISSN 1221-681X): CNCSIS B+ (articol – articole in extenso publicate în reviste medicale acreditate CNCSIS) Articol citat in Scirus
2. Prognostic Factors in cronic lymphocytic leukemia – editorial  
Horia Bumbea, Ana Maria Vladareanu  
INFOMedica Nr. 2 (140)/2007 pg 4-13 ISSN 1221-681X- editorial
3. Importanta progreselor efectuate in domeniul biologiei moleculare in incadrarea “etiologica” a eozinofiliilor si metode tintite de tratament  
Dr. Veronica Vasilache, Dr. Peripas Carmen, Conf. Dr. Ana Maria Vladareanu, Dr. Cristina Marinescu, Dr. Horia Bumbea, Dr. Gheorghita Emanuel, Corina Posea  
INFOMedica Nr. 2 (140)/2007, (pag. 16-19) ISSN 1221-681X Infomedica (ISSN 1221-681X): CNCSIS B+
4. Etapele de diagnostic ale adenopatiilor superficiale  
Ana-Maria Vladareanu, Cristina Ciufu, Horia Bumbea, Delia Mut Popescu  
Infomedica Nr. 4 (122), aprilie 2004, pg 32-39. Infomedica (ISSN 1221-681X): CNCSIS B+
5. Tratamentul cu imunoglobuline in hematologie  
Ana Maria Vlădăreanu, Horia Bumbea, Delia Mut Popescu  
Infomedica, nr. 11 (117) noiembrie 2003, anul XI, 16-22 Infomedica (ISSN 1221-681X): CNCSIS B+
6. Dificultate de diagnostic al unei adenopatii – aportul flow-citometriei și morfologiei.  
Ana Maria Vlădăreanu, D. Cășleanu, D. Barbu, C. Ciufu, V. Aramă, H. Bumbea, V. Motronea, M. Milicescu, A. Lupu, R. Gherasim, C. Georgescu, C. Ardelean, D. Mut Popescu.  
Infomedica, nr 12 (118), decembrie 2003, pag 49-54. ISSN 1221-681X. Revistă recunoscută CNCSIS

#### **Reviste CNCSIS C: 4**

1. Tratamentul sangerarilor active folosind r F VIIa si rolul sau in afectiunile trombocitare  
Ana Maria Vladareanu, Dr. Horia Bumbea, Dr. Anca Petre, Dr. C. Ciufu  
Revista Romana de Tromboza si Hemostaza Vol.III Nr. 1-2 An 2006, pag 30-35  
ISSN 1842-1822- Revista Română de Tromboză și Hemostază (ISSN 1842-1822): CNCSIS C.
2. De la teorie la practica. Hemofilie dobândita. Caz Clinic  
Ana Maria Vladareanu, D. Casleanu, I. Voican, I. Tuca, M. Begu, H. Bumbea, D. T. Iordachescu, Conf. Savloschi C., Conf. F. Costandache, Prof. S. Opreșcu, I. Gulea, L. Rusen, Prof. D. Stanculescu, C. Posea, Prof. A. Lupu, S. Avram, Prof. D. Popescu, Prof. L. Gherasim.

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3. Thrombotic Complications of Polichemotherapy for Multiple Mieloma – A Case Report  
Anca Lupu, Oana Ciocan, Carmen Alexa, Mihaela Closca Gheorghiu, Simona Avram, H. Bumbea, Nicoleta Olteanu, Ana-Maria Vladareanu, Delia-Mut Popescu  
Revista Romana de Tromboza si Hemostaza Nr. 1-2, Vol I, an 2004, pg. 70-72. Revista Română de Tromboză și Hemostază (ISSN 1842-1822): CNCSIS C.
  4. Limfoame de joasă malignitate – experiența Clinicii de Hematologie Colțea.  
A. Coliță, Anca Lupu, Nicoleta Olteanu, Ana-Maria Vlădăreanu, Gabriela Borșaru, H. Bumbea, Silvana Angelescu, Doina Barbu, Nicoleta Caia, Aurora Arghir, Delia Mut Popescu. Documenta Hematologica , (serie noua), vol. 6, Nr 2, anul 2000, pg 29-36. CNCSIS categoria D – cod 499; ISSN-1582-196X

### Reviste CNCSIS D: 3

1. Recurrent pulmonary embolism – Clinical Presentation at Diagnosis of Chronic Myelomonocytic Leukemia with Factor V Leiden Heterozygous Status, Mihaela Gaman, Ana-Maria Vladareanu, Diana Cisleanu, Horia Bumbea, Irina Voican, Madalina Begu, Minodora Onisai, Anamaria Iova, University Journal of Hemostasis and Thrombosis, 2011, Vol I, pg 29-32, ISSN 2248-0730 (articol in extenso)
2. Analysis of Platelets Functions by Flowcytometry, Horia Bumbea, Viola Popov, Ana-Maria Vladareanu University Journal of Hemostasis and Thrombosis, 2012, Vol I, pg 1-4, ISSN 2248-0730 (articol in extenso)
3. Platelets Membrane Fluidity in Myeloid Neoplasms, Mihaela G. Moisescu, Emanuela Cicarma, Tiberiu P. Corban, Ana-Maria Vladareanu, Horia Bumbea, Eugenia Kovacs, University Journal of Hemostasis and Thrombosis, 2012, Vol I, pg 4-8, ISSN 2248-0730 (articol in extenso)

### Anexa 3.

**Diseminarea informației din cadrul proiectelor de cercetare – lucrări publicate in reviste indexate ISI / PubMed și alte baze de date, inclusiv lucrări (postere, meetings abstracts)**



**acceptate la Conferințe internaționale și publicate în reviste indexate ISI / PubMed și alte baze de date (unele lucrări se regăsesc și în anexa 1) sau cărți**

**1. RO19.10 „Îmbunătățirea serviciilor de sănătate în sarcina cu risc crescut, nașterea prematură și boli hematologice”, în cadrul programului RO19 „Inițiative în sănătatea publică”, finanțat prin Granturi Norvegiene 2009 - 2014, Director Hematologie Conf. Dr. Horia Bumbea, manager proiect Prof. Dr. Monica Cirstoiu, buget 7,3 milioane lei**

**Articole publicate în reviste cotate ISI**

Quantitative analyses of CD7, CD33, CD34, CD56, and CD123 within the FLT3-ITD/ NPM1-MUT myeloblastic/monocytic bulk AML blastic populations, Dan-Sebastian Soare, Eugen Radu, Ion Dumitru, Ana Maria Vlădăreanu, Horia Bumbea, Leuk Lymphoma 2021 May 26;1-11. doi: 10.1080/10428194.2021.1927018.

FLT3-ITD DNA allelic burden, but not mRNA levels, influences the biological characteristics of AML patients, Dan-Sebastian Soare, Eugen Radu, Ion Dumitru, Aurora Arghir, Cristina Enache, Horia Bumbea, Ana Maria Vlădăreanu, Romanian Journal of Laboratory Medicine, vol. 29, nr. 1, Jan 2021

FLT3-ITD DNA and mRNA levels in AML do not correlate with CD7, CD33 and CD123 expression, Dan-Sebastian Soare, Eugen Radu, Ion Dumitru, Horia Bumbea, Ana Maria Vlădăreanu, JOURNAL OF CELLULAR AND MOLECULAR MEDICINE Volume: 24 Issue: 13 Pages: 7675-7679 Published: JUL 2020

**Prezentari orale conferințe naționale:**

Analiza multiparametrică a testelor de screening pentru trombofilie – experiența colectivelor SUUB în cadrul proiectului RO19.10 – „Improved health care for High-Risk Pregnancy, premature birth and haematological diseases” – Norwegian Financial Mechanisms 2009-2014, A VI-a Conferința Națională a Societății Române de Hemostază și Tromboză, București, 2018.

Deletion 13q14.3 in Chronic Lymphocytic Leukemia, Annual Scientific Meeting of Victor Babeș Institute - The 12th National Pathology Symposium

**Lucrări în rezumat la conferințe internaționale:**

COMPARATIVE ANALYSES OF LEUKEMIC BLAST PHENOTYPE AND MUTANT/WT EXPRESSION RATIO IN FLT3-ITD ACUTE MYELOID LEUKEMIAS: PS1016, 24th Congress of European Hematology Association, 2019, EHA, Library – poster presentation

**2. BAC-LC Contract nr: 62-078/2009 – Responsabil științific Sef Lucrari Dr. Horia Bumbea pentru Partener 1 Spitalul Universitar de Urgență-SUUB (subcontract nr. 184/16/02/2009), încheiat cu Institutul de Virusologie Stefan S. Nicolau, București, Director proiect Cercetător științific Dr. Viviana Roman**

**Abstracte la congrese internaționale:**

**GENISTEIN-INDUCED APOPTOSIS ON MEC1 CELL LINE.**

Roman, T.; Hotnog, D.; Maglas, C.; Bumbea, H., - abstract, 16<sup>th</sup> Congress of the European Hematology Association, Berlin, June 2009, Haematologica, The Hematology Journal, Journal of the European Hematology Association, 94, pp. 1543-, 2009. ISSN 0390-6078

**CLL REGISTRY IN ROMANIA - A PRELIMINARY REPORT OF THE ROMANIAN INITIATIVE GROUP IN DIAGNOSIS OF CLL (RGIDCLL)**

H Bumbea, A Iova, AM Vladareanu, V Roman, C Enache, M Begu, M Onisai, V Popov, H Ionita, L Cheveresan, G Vulcan, E Gheorghita, R Mihaescu, D Hotnog, M Badea, G Gaman, L Ocroteala, G Rauta, M Balea, M Ghinea, D Duta, A Moiceanu, I Ionita, T Adam, I Rotaru, D Vasile, L Barsan Roman - abstract, 16<sup>th</sup> Congress of the European Hematology Association, Londra, 9-12 June 2011 Haematologica, The Hematology Journal, Journal of the European Hematology Association suppl, s611, ISSN 0390-6078

**The immunophenotype of malignant lymphocytes in splenic marginal lymphoma associated with hepatitis viral infection .** A Iova, H Bumbea, AM Vladareanu, M Onisai, M Begu, C Enache, O Cazaceanu, C Dobrea, AM Neagu, C Ciufu, D Cisleanu, I Voican, D Vasile, L Barsan, A Nicolescu, M Gaman, C Marinesu, E Andrus, V Arama, S Arama, V Roman - abstract, 16<sup>th</sup> Congress of the European Hematology Association, Londra, 9-12 June 2011 Haematologica, The Hematology Journal, Journal of the European Hematology Association suppl, s611, **ISSN 0390-6078**

**Outcome of chronic lymphoproliferative disorders associated with hepatitis viruses infections- single center experience.** C Ciufu, AM Vladareanu, AM Neagu, M Onisai, H Bumbea, D Cisleanu I Voican, C Marinescu, D Vasile, I Barsan, A Nicolescu, M Gaman, E Andrus, A Iova, C Enache, C Dobrea, V Arama, V Molangic, S Arama V Roman - abstract, 16<sup>th</sup> Congress of the European Hematology Association, Londra, 9-12 June 2011 Haematologica, The Hematology Journal, Journal of the European Hematology Association suppl, s631, **ISSN 0390-6078**

**CD200 IN DIAGNOSIS OF CHRONIC LYMPHOPROLIFERATIVE DISORDERS- A STUDY OF 122 PATIENTS** Iova A, Bumbea H, Roman V, Vladareanu AM, Cazaceanu O, Enache C, Begu M, Poster nr. P0733 at 17<sup>th</sup> Congress of the European Hematology Association, Amsterdam 14-17 June 2012, Haematologica 2012 Vol 97, e-Supplement 1, June 14-17, 2012, 349-350. **ISSN 0390-6078**

**Complex Immunophenotypic Changes as Prognosis Panel in Chronic Lymphocytic Leukemia.** Horia Bumbea, Sanziana Radesi, Ana-Maria Vladareanu, Viviana Roman, Anamaria Vintilescu Clin Lymphoma Myeloma. 2009 Dec;9(6):E37; 1557-9190 (Print) 1938-0712 (Online) Abstract From: Hematologic Malignancies 2009, Brussels, Belgium, September 30 – October 3, 2009 – poster presentation

**Articole in reviste cotate ISI:**

**REVIEW**

**Immunophenotyping of acute leukemia and lymphoproliferative disorders: a consensus proposal of the European LeukemiaNet Work Package 10**

MC Bene', T Nebe, P Bettelheim, B Buldini, H Bumbea, W Kern, F Lacombe, P Lomez, I Marinov, E Matutes, M Maynadie', U Oelschlagel, A Orfao, R Schabath, M Solenthaler, G Tschurtschenthaler, AM Vladareanu, G Zini, GC Faure and A Porwit, Leukemia (2011) 25, 567–574. 2011 Macmillan Publishers Limited **ISSN 0887-6924/11**

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**The lymphocyte immunophenotypical pattern in chronic lymphocytic leukemia associated with hepatitis viral infection** Bumbea H, Vladareanu AM, Vintilescu A, Radesi S, Ciufu C, Onisai M, Baluta C, Begu M, Dobrea C, Arama V, Streinu-Cercel A, Arama S. Journal of Medicine and Life, VOL. IV ISS 3, 2011.

**Prezentări orale conferințe naționale:**

**Constituirea Grupului de Inițiativă în diagnosticul LLC în România,** prezentări orale Horia Bumbea, Viviana Roman Al IX - lea CONGRES NAȚIONAL DE HEMATOLOGIE CLINICĂ ȘI TRANSFUZIONALĂ, Sinaia, octombrie 2009

**Diagnosticul LLC, aspecte practice. analiza retrospectiva a rezultatelor diagnosticului imunofenotipic**

Horia Bumbea

Al XI - lea CONGRES NAȚIONAL DE HEMATOLOGIE CLINICĂ ȘI TRANSFUZIONALĂ, Sinaia, 12-16 octombrie 2011.

**REGISTRUL PACIENTILOR CU LLC IN ROMANIA**

Horia Bumbea, Anca Bojan

Al XI - lea CONGRES NAȚIONAL DE HEMATOLOGIE CLINICĂ ȘI TRANSFUZIONALĂ, Sinaia, 12-16 octombrie 2011.

**Participări la grupurile de lucru internaționale:**

6<sup>th</sup> Annual Symposium of European LeukemiaNet , Mannheim, 2009, WP7 Meeting

7<sup>th</sup> Annual Symposium of European LeukemiaNet , Mannheim, 2010, WP7 Meeting

8<sup>th</sup> Annual Symposium of European LeukemiaNet , Mannheim, 2011, WP7 Meeting

15<sup>th</sup> Congress of the EHA, Barcelona, June 2010, ERIC Meeting

16th Congress of the EHA, London, June 2011, ERIC Meeting

ELN at ASH Annual Meeting, December 10-13, 2011, San Diego, USA, ERIC Meeting

- S-au discutat protocoale de diagnostic în LLC, standardizarea diagnosticului prin imunofenotipare, standardizarea ZAP-70, analiza MRD, standardizarea analizei statusului mutațional IgHV, trialuri clinice, registrul LLC

#### **Cărți publicate:**

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### **3. Grant MULTRO – “Studiul complex al trombocitului în Sindroamele Mieloproliferative și Mielodisplazice” - CEEEX nr. 62/2005, perioada 2005-2008, Ana Maria Vlădăreanu - Director de Grant, Horia Bumbea membru în echipă.**

Platelet Defects in Acute Myeloid Leukemia - Potential for Hemorrhagic Events, Horia Bumbea, Ana Maria Vladareanu, Ion Dumitru, Viola Maria Popov,\* Cristina Ciufu, Anca Nicolescu, Minodora Onisai, Cristina Marinescu, Diana Cisleanu, Irina Voican and Sinziana Sarghi, J. Clin. Med. 2022, 11, 118. <https://doi.org/10.3390/jcm11010118>.

Hemorrhagic risk due to platelet dysfunction in myelodysplastic patients, correlations with anemia severity and iron overload. Viola M. Popov · Ana M. Vladareanu · Horia Bumbea · Eugenia Kovacs · Tudor Savopol · Maria M. Iordache · Mihaela G. Moisescu · Journal of Thrombosis and Haemostasis 12/2013

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Assesment of the biophysical parameters of platelet membrane in leukemic patients. Eugenia Kovacs, Tudor Savopol, Viola Popov, Ema Cicarma, Horia Bumbea, Ana Maria Vladareanu, Biophysical Society 54th Annual Meeting, San Francisco 2010

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**4. Grant LIMFO – VIR “Corelarea metodelor de diagnostic privind evaluarea implicării virusurilor hepatitice in limfoproliferările cronice – prevalenta infecției și identificarea unor mecanisme moleculare implicate in oncogeneză” Ana Maria Vlădăreanu - responsabil științific de proiect / responsabil echipa de cercetare din partea SUUB., Horia Bumbea membru în echipă.**

Correlations of hematological parameters with bone marrow findings in chronic lymphoproliferative disorders associated with hepatitis viruses, Ciufu, C., Arama, V., Bumbea, H., (...), Ion, I., Vladareanu, A.M. Journal of medicine and life, 6(4), pp. 464-471, 2013

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Viral infections in chronic lymphoproliferative disorders - immunophenotypic changes H. Bumbea, A.M. Vladareanu, S. Radesi, A. Vintilescu, V. Roman, C. Ciufu, D. Hotnog, V. Arama, M. Onisai, VM Popov, C. Baluta, O. Cazaceanu, I. Voican, D. Casleanu, C. Marinescu, S. Arama, A. Rafila, A. StreinuCercel, A. Nicolescu, M. Gaman, A. Ichim, M. Begu. Carol Davila University of Medicine, Bucharest, Romania; Stefan Nicolau National Institute of Virology, Bucharest, Romania; Matei Bals Infectious Disease Institute, Bucharest, Romania; County Hospital Pitesti, Romania. 15th Congress of the European Hematology Association, Barcelona, Spain, June 10-13, 2010. Abstract no. 1546; abstract published in HAEMATOLOGICA, The Hematology Journal, Journal of the European Hematology Association, vol. 95, suppl no. 2, pg 612,

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**5. OCURARE, „Diagnosticul și terapia bolilor rare sistemice cu afectare oculară”  
POCU/91/4/8/109169, 2017-2020, Spitalul Universitar de Urgență București – manager proiect  
Istrate Sinziana Luminita**

**Carti publicate:**

“Compendiu de boli rare cu afectare oculară”, sub coordonarea Florian Balta, Liliana-Mary Voinea, Media Med Publicis, București, 2020, coautor, ISBN 978-606-8463-69-8

“Ghid de îngrijire a pacienților cu boli rare oculare”, sub coordonarea Florian Balta, Liliana-Mary Voinea, Media Med Publicis, București, 2020, coautor, ISBN 978-606-8463-65-0

**6. PED 141/2017 (cod înregistrare PN-III-P2-2.1-PED-2016-1315) Rolul microparticulelor în mecanismele patogenetice ale complicațiilor vasculare la pacienții cu mieloproliferari cronice – Dr. Viola Maria Popov, decembrie 2017 – iunie 2018 Finanțare Buget de Stat – Ministerul Educației, Cercetării și Tineretului 600.000 lei**

The Role of Platelet Membrane Fluidity in Expressions of Platelet Receptors and Platelet Derived Microparticles in Patients with Chronic Myeloproliferative Neoplasms V.M. Popov, B.M. Matei, C.O. Matei, I. Dumitru, M. Omer, M.G. Moiescu, R. Leu, T. Savopol, A. Trifa, A.M. Vladareanu, H. Bumbea, ISTH Cngress Melbourne 2019, Res Pract Thromb Haemost. 2019;3(Suppl. 1):1–891, poster presentation

ASSESSMENT OF PLATELET MEMBRANE ALTERATION IN PATIENTS WITH MYELOID METAPLASIA WITH MYELOFIBROSIS, Viola Popov, Cristien Oktaviani Matei, Bogdan Mircea Matei, Rebeca Leu, Ion Dumitru, Camelia Dobra, Adrian Trifa, Anamaria Iova, Madalina Begu, Mihaela Georgeta Moiescu, Tudor Savopol, Eugenia Kovacs, Ana Maria Vladareanu, Meilin Omer, Mihaela Andreescu, Oana Patrinoiu, Daniela Georgescu, Horia Bumbea EHA, Library. Popov V. 05/16/19; 268109; PB2195

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THE ROLE OF REACTIVE SPECIES PRODUCTION IN ASSESSMENT OF THROMBOTIC RISK IN CHRONIC MYELOPROLIFERATIVE NEOPLASMS PATIENTS V Popov, MG Moiescu, T Savopol, CO Matei, BM Matei, M Omer, F. Mihai, O Patrinoiu, M Andreescu, I. Dumitru, AM Vladareanu, H Bumbea, Prezentare poster: la 25th Biennial International Congress on Thrombosis, Venetia, Italia, 23-26 mai 2018, Poster P-0159, [http://www.thrombosis2018.org/index.php?go=pre\\_comunicacion](http://www.thrombosis2018.org/index.php?go=pre_comunicacion)

EVALUATION OF THROMBOTIC RISK IN CHRONIC MYELOPROLIFERATIVE NEOPLASMS PATIENTS, Viola Popov, Mihaela Andreescu, Meilin Omer, Adrian Trifa, Oana Patrinoiu, Florina Raicu, Horia Bumbea – PB2311, Al 23-lea Congres anual al Societatii Europene de Hematologie, EHA 2018, 14-17 iunie 2018 Stockholm, Suedia publicate in HemaSphere 2(S1) – 2018

The fluidity of platelet membrane an important parameter for platelet function in chronic myeloproliferative neoplasms patients Viola Maria Popov, Horia Bumbea, Tudor Savopol, Ion Dumitru, Bogdan Matei, Christien Oktaviani Matei, Mihaela Andreescu, Meilin Omer, Felicia Mihai, Oana Patrinoiu, Ana Maria Vladareanu, Mihaela Georgeta Moiescu, Poster PB041, Prezentare poster: la 64th Meeting of the International Society on Thrombosis and Haemostasis, Dublin, Irlanda, 18-21 iulie 2018, premiul Reach the World Grant.

The assessment of JAK 2 mutation role in platelet membrane fluidity changes in chronic myeloproliferative neoplasms patients VM Popov, CO Matei, B Matei, A. Trifa, F. Raicu, M. Omer, R. Leu, T. Savopol, MG Moiescu, E Kovacs, M Andreescu, AM Vladareanu, H. Bumbea Prezentare poster:, la XXXVII World Congress of the, International Society of Hematology (ISH 2018), 13-16 septembrie 2018, Vancouver, Canada.

Assessment of Changes of Membrane Properties and Platelets Function in Patients with Chronic Myeloid Leukaemia, V. Popov, Vladareanu Ana Maria, Matei Mircea Bogdan, Matei Christien Oktaviani, Mihaela Georgeta Moiescu, Kovacs Eugenia, Meilin Omer, Mihaela Andreescu, Oana Patrinoiu, Savopol Tudor, Horia Bumbea, 59th ASH Annual Meeting, 9-12 decembrie 2017, Atlanta, USA, Poster, published online-only on the ASH abstracts site on December 8, 2017

Evaluation of Platelet Membrane Fluidity in Assessment of Thrombosis Risk at Chronic Myeloproliferative Neoplasms Patients, V. M. Popov, M. B. Matei, C. O. Matei, M. G. Moiescu, M. Omer, M. Andreescu, F. Mihai, E. Kovacs, A. M. Vladareanu, H. Bumbea, T. Savopol, 10th International Congress on Myeloproliferative Neoplasms and Chronic Myeloid Leukemia, 2-3 noiembrie 2017, New York 2017, Poster, P105

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