**Lista de lucrări**

**TRIFA ADRIAN-PAVEL**

**1. Teză de doctorat**

**„Factori genetici implicați în apariția neoplasmelor mieloproliferative și a complicațiilor trombotice ale acestora”**

**realizată de TRIFA ADRIAN PAVEL, sub coordonarea Prof. Univ Dr. Ioan Victor Pop**, titular la Facultatea de Medicină, U.M.F.”Iuliu Haţieganu” din Cluj-Napoca, susținută în anul 2014.

**2. Teza de abilitare**

**„Factori genetici implicați în apariția hemopatiilor maligne și a tulburărilor de hemostază”** susținută în anul 2021

**3. Cărți de specialitate**

Cărți și capitole alte edituri cu ISBN

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| **Nr. crt.** | **TITLUL** | **Calitatea** | **Carte/capitol** | **nr. pag.** | **editura** | **Localitatea** | **Anul** |
| 1 | LEUCEMIA MIELOIDĂ CRONICĂ - De la terapia cu inhibitori de tirozin kinaze la transplant | AUTOR | CARTE | 155 | ȘCOALA ARDELEANĂ | BUCUREȘTI | 2016 |
| 2 | Hematologia în imagini | AUTOR | CARTE | 138 | ȘCOALA ARDELEANĂ | BUCUREȘTI | 2016 |
| 3 | Neoplasmele mieloproliferative | AUTOR | CARTE | 123 | CASA CĂRȚII DE ȘTIINȚĂ | CLUJ-NAPOCA | 2017 |

**4. Capitole în volume colective**

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| **Nr. crt.** | **TITLUL** | **Calitatea** | **Carte/capitol** | **nr. pag.** | **editura** | **Localitatea** | **Anul** |
| 3 | Mutații genetice somatice cu importanță în tratamentul hemopatiilor maligne - capitol în "Chimioterapie hematologică" | AUTOR | CAPITOL | 18 | ȘCOALA ARDELEANĂ | BUCUREȘTI | 2016 |

**5. Articole publicate in extenso în reviste și volumele unor manifestari științifice indexate ISI, Web of Science, Core collection.**

Autor principal

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| **Nr. Crt.** | **Autorii** | **Titlul** | **An, Revista, volum, nr. Pagini, ISSN** | **Factorul de impact2** | **Calitatea autorului1** |
| 1. | **Trifa AP,** Lighezan DL, Jucan C, Tripon F, Arbore DR, Bojan A, Gligor-Popa S, Pop RM, Dima D, Bănescu C | SH2B3 (LNK) rs3184504 polymorphism is correlated with JAK2 V617F-positive myeloproliferative neoplasms | 2020, Revista Romana de Medicina de Laborator; 28(3):267-77,  1841-6624 | 0.945 | PRIM AUTOR |
| 2. | Tripon F, Iancu M, **Trifa A,** Crauciuc GA, Boglis A, Dima D, Lazar E, Bănescu C | Modelling the Effects of MCM7 Variants, Somatic Mutations, and Clinical Features on Acute Myeloid Leukemia Susceptibility and Prognosis | 2020, Journal of Clinical Medicine; 9(1):158,  2077-0383 | 3.303 | AUTOR CORESPONDENT |
| 3. | Tripon F, Iancu M, **Trifa A**, Crauciuc GA, Boglis A, Balla B, Cosma A, Dima D, Candea M, Lazar E, Jimbu L, Banescu C | Association Analysis of TP53 rs1042522, MDM2 rs2279744, rs3730485, MDM4 rs4245739 Variants and Acute Myeloid Leukemia Susceptibility, Risk Stratification Scores, and Clinical Features: An Exploratory Study | 2020, Journal of Clinical Medicine; 9(6):1672  2077-0383 | 3.303 | AUTOR CORESPONDENT |
| 4. | Lighezan DL, Bojan AS, Iancu M, Pop RM, Gligor-Popa Ș, Tripon F, Cosma AS, Tomuleasa C, Dima D, Zdrenghea M, Fetica B, Ioniță I, Gaál IO, Vișan S, Mirea AM, Popp RA, Florea M, Araniciu C, Petrescu L, Pop IV, Bănescu C, **Trifa AP** | TET2 rs1548483 SNP Associating with Susceptibility to Molecularly Annotated Polycythemia Vera and Primary Myelofibrosis | 2020, Journal of Personalized Medicine; 10(4):259,  2075-4426; | 4.433 | ULTIM AUTOR |
| 5. | Bănescu C, Tripon F, **Trifa AP**, Crauciuc AG, Moldovan VG, Bogliş A, Benedek I, Dima D, Cândea M, Duicu C, Iancu M | Cytokine rs361525, rs1800750, rs1800629, rs1800896, rs1800872, rs1800795, rs1800470, and rs2430561 SNPs in relation with prognostic factors in acute myeloid leukemia | 2019, Cancer Medicine; 8(12):5492-5506  2045-7634 | 3.670 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 6. | Bănescu C, Tripon F, **Trifa AP**, Crauciuc AG, Bogliș A, Lazar E, Dima D, Macarie I, Duicu C, Iancu M | Presence of copy number aberration and clinical prognostic factors in patients with acute myeloid leukemia: an analysis of effect modification | 2019, Pol Arch Intern Med; 129(12):898-906,  0032-3772 | 3.007 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 7. | **Trifa AP,** Bănescu C, Bojan AS, Voina CM, Popa Ș, Vișan S, Ciubean AD, Tripon F, Dima D, Popov VM, Vesa ȘC, Andreescu M, Török-Vistai T, Mihăilă RG, Berbec N, Macarie I, Coliţă A, Iordache M, Cătană AC, Farcaș MF, Tomuleasa C, Vasile K, Truică C, Todincă A, Pop-Muntean L, Manolache R, Bumbea H, Vlădăreanu AM, Gaman M, Ciufu CM, Popp RA | MECOM, HBS1L-MYB, THRB-RARB, JAK2, and TERT polymorphisms defining the genetic predisposition to myeloproliferative neoplasms: A study on 939 patients | 2018, American Journal of Hematology; 93(1):100-106,  0361-8609 | 6.137 | PRIM AUTOR |
| 8. | Bănescu C, Iancu M, **Trifa AP**, Dobreanu M, Moldovan VG, Duicu C, Tripon F, Crauciuc A, Skypnyk C, Bogliș A, Lazar E | Influence of XPC, XPD, XPF, and XPG gene polymorphisms on the risk and the outcome of acute myeloid leukemia in a Romanian population | 2016, Tumour Biology ;37(7):9357-66,  1010-4283 | 3.65 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 9. | Bănescu C, Iancu M, **Trifa AP**, Cândea M, Benedek Lazar E, Moldovan VG, Duicu C, Tripon F, Crauciuc A, Dobreanu M | From Six Gene Polymorphisms of the Antioxidant System, Only GPX Pro198Leu and GSTP1 Ile105Val Modulate the Risk of Acute Myeloid Leukemia | 2016, Oxidative Medicine and Cellular Longevity; 2016:2536705,  1942-0900 | 4.593 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 10. | **Trifa AP**, Bănescu C, Tevet M, Bojan A, Dima D, Urian L, Török-Vistai T, Popov VM, Zdrenghea M, Petrov L, Vasilache A, Murat M, Georgescu D, Popescu M, Pătrinoiu O, Balea M, Costache R, Coleș E, Șaguna C, Berbec N, Vlădăreanu AM, Mihăilă RG, Bumbea H, Cucuianu A, Popp RA | TERT rs2736100 A>C SNP and JAK2 46/1 haplotype significantly contribute to the occurrence of JAK2 V617F and CALR mutated myeloproliferative neoplasms - a multicentric study on 529 patients | 2016, British Journal of Haematology; 174(2):218-26,  1365-2141 | 5.67 | PRIM AUTOR |
| 11. | **Trifa AP,** Bănescu C, Dima D, Bojan AS, Tevet M, Moldovan VG, Vesa ȘC, Murat M, Pop IV, Skrypnyk C, Popp RA | Among a panel of polymorphisms in genes related to oxidative stress, CAT-262 C>T, GPX1 Pro198Leu and GSTP1 Ile105Val influence the risk of developing BCR-ABL negative myeloproliferative neoplasms | 2016, Hematology; 21(9):520-5,  1024-5332 | 1.315 | PRIM AUTOR |
| 12. | **Trifa AP**, Popp RA, Cucuianu A, Bănescu C, Tevet M, Martin B, Murat M, Vesa SC, Dima D, Cândea M, Militaru MS, Pop IV | CALR versus JAK2 mutated essential thrombocythaemia - a report on 141 patients | 2015, British Journal of Haematology; 168(1):151-3,  1365-2141 | 5.812 | PRIM AUTOR |
| 13. | Bănescu C, **Trifa AP** | Methylenetetrahydrofolate reductase 677 C> T polymorphism is associated with acute myeloid leukemia | 2015, Leukemia&Lymphoma; 56(4):1172-4,  1042-8194 | 3.093 | ULTIM AUTOR |
| 14. | Bănescu C, Iancu M, **Trifa AP**, Macarie I, Dima D, Dobreanu M | The methylenetetrahydrofolate reductase (MTHFR) 677 C>T polymorphism increases the risk of developing chronic myeloid leukemia-a case-control study | 2015, Tumour Biology ; 36(4):3101-7,  1010-4283 | 2.926 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 15. | Bănescu C, **Trifa AP,** Demian S, Benedek Lazar E, Dima D, Duicu C, Dobreanu M | Polymorphism of XRCC1, XRCC3, and XPD genes and risk of chronic myeloid leukemia | 2014, BioMed Research International; 2014:213790  2314-6133 | 2.706 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 16. | Bănescu C, **Trifa AP**, Voidăzan S, Moldovan VG, Macarie I, Benedek Lazar E, Dima D, Duicu C, Dobreanu M. | CAT, GPX1, MnSOD, GSTM1, GSTT1, and GSTP1 genetic polymorphisms in chronic myeloid leukemia: a case-control study | 2014, Oxidative Medicine and Cellular Longevity; 2014:875861,  1942-0900 | 3.516 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 17. | **Trifa AP,** Cucuianu A, Popp RA, Coadă CA, Costache RM, Militaru MS, Vesa SC, Pop IV | The relationship between factor V Leiden, prothrombin G20210A, and MTHFR mutations and the first major thrombotic episode in polycythemia vera and essential thrombocythemia | 2013, Annals of Hematology; 93(2):203-209,  0939-5555 | 2.866 | PRIM AUTOR |
| 18. | **Trifa AP,** Popp RA, Militaru MS, Farcas MF, Crisan TO, Gana I, Cucuianu A, Pop IV | HFE Gene C282Y, H63D and S65C mutations frequency in the Transylvania region, Romania | 2012, Journal of Gastrointestinal and Liver Diseases; 21(2):177-80,  1842-1121 | 2.253 | PRIM AUTOR |
| 19. | Buzoianu AD, **Trifa AP,** Mureşanu DF, Crişan S | Analysis of CYP2C9\*2, CYP2C9\*3 and VKORC1 -1639 G>A polymorphisms in a population from South-Eastern Europe | 2012, Journal of Cellular and Molecular Medicine; 16(12):2919-24,  1582-4934 | 4.753 | AUTOR CU CONTRIBUTIE EGALA CU A PRIMULUI AUTOR |
| 20. | **Trifa AP,** Cucuianu A, Petrov L, Urian L, Militaru MS, Dima D, Pop IV, Popp RA | The G allele of the JAK2 rs10974944 SNP, part of JAK2 46/1 haplotype, is strongly associated with JAK2 V617F-positive myeloproliferative neoplasms. | 2010, Annals of Hematology; 89(10):979-83,  0939-5555 | 2.615 | PRIM AUTOR |

Coautor

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| **Nr. Crt.** | **Autorii** | **Titlul** | **An, Revista, volum, nr. Pagini, ISSN** | **Factorul de impact2** |
| 1 | Roşian AN, Roşian ŞH, Kiss B, Ştefan MG**, Trifa AP,** Ober CD, Anchidin O, Buzoianu AD | Interindividual Variability of Apixaban Plasma Concentrations: Influence of Clinical and Genetic Factors in a Real-Life Cohort of Atrial Fibrillation Patients | 2020  Genes (Basel);11(4):438,  2073-4425 | 3.759 |
| 2 | Pop RM, **Trifa AP,** Popolo A, Chedea VS, Militaru C, Bocsan IC, Buzoianu AD | Nigella sativa: Valuable perspective in the management of chronic diseases | 2020  Iranian Journal of Basic Medical Sciences ;23(6):699-713,  2008-3866 | 1.96 |
| 3 | Vesa SC, Vlaicu SI, Vacaras V, Crisan S, Sabin O, Pasca S, **Trifa AP**, Rusz-Fogarasi T, Sava M, Buzoianu AD | CYP4F2 and VKORC1 Polymorphisms Amplify the Risk of Carotid Plaque Formation | 2020  Genes (Basel); 11(7):822,  2073-4425 | 3.759 |
| 4 | Turcas C, Moisoiu V, Stefancu A, Jurj A, Iancu SD, Teodorescu P, Pasca S, Bojan A,**Trifa A**, Iluta S, Zimta AA, Petrushev B, Zdrenghea M, Bumbea H, Coriu D, Dima D, Leopold N, Tomuleasa C | SERS-Based Assessment of MRD in Acute Promyelocytic Leukemia? | 2020  Frontiers in Oncology;  10:1024,  2234-943x | 4.416 |
| 5 | Toma C, Bâlteanu VA, Tripon S,**Trifa A**, Rema A, Amorim I, Pop RM, Popa R, Catoi C, Taulescu M | Exogenous Jaagsiekte Sheep Retrovirus type 2 (exJSRV2) related to ovine pulmonary adenocarcinoma (OPA) in Romania: prevalence, anatomical forms, pathological description, immunophenotyping and virus identification | 2020  BMC Veterinary Research,  1746-6148 | 1.792 |
| 6 | Roşian AN, Iancu M,**Trifa AP**, Roşian ŞH, Mada C, Gocan CP, Niţă T, Istratoaie S, Boarescu PM, Buzoianu AD | An Exploratory Association Analysis of ABCB1 rs1045642 and ABCB1 rs4148738 with Non-Major Bleeding Risk in Atrial Fibrillation Patients Treated with Dabigatran or Apixaban | 2020, Journal of Personalized Medicine;10(3):E133  2075-4426; | 4.433 |
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| 8 | Ciubean AD, Ungur RA, Irsay L, Ciortea VM, Borda IM, Dogaru GB, **Trifa AP,** Vesa SC, Buzoianu AD | Polymorphisms of FDPS, LRP5, SOST and VKORC1 genes and their relation with osteoporosis in postmenopausal Romanian women | 2019, PLoS One; 14(11):e0225776,  1932- 6203 | 2.74 |
| 9 | Vesa ŞC, Chira R, Vlaicu SI, Pașca S, Crișan S, **Trifa A**, Buzoianu AD | Systemic and Local Factors' Influence on the Topological Differences in Deep Vein Thrombosis. Medicina (Kaunas) | 2019, Medicina (Kaunas); 55(10):691,  1010-660x | 1.5 |
| 10 | Dobrowolski J, Pasca S, Teodorescu P, Selicean C, Rus I, Zdrenghea M, Bojan A, **Trifa A**, Fetica B, Petrushev B, Rosu AM, Berindan-Neagoe I, Tomuleasa C, Dima D | Persistent Basophilia May Suggest an “Accelerated Phase” in the Evolution of CALR-Positive Primary Myelofibrosis Toward Acute Myeloid Leukemia | 2019, Frontiers in Oncology; 6;9:872,  2234-943x | 4.848 |
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| 13 | Groza I, Matei D, Tantau M, **Trifa AP**, Crisan S, Vesa SC, Bocsan C, Buzoianu AD, Acalovschi M | VKORC1-1639 G>A Polymorphism and the Risk of Non-Variceal Upper Gastrointestinal Bleeding | 2017, Journal of Gastrointestinal and Liver Diseases; 26(1):13-18,  1842-1121 | 1.964 |
| 14 | Tomuleasa C, Zaharie F, Muresan MS, Pop L, Fekete Z, Dima D, Frinc I, **Trifa A**, Berce C, Jurj A, Berindan-Neagoe I, Zdrenghea M | How to Diagnose and Treat a Cancer of Unknown Primary Site | 2017, Journal of Gastrointestinal and Liver Diseases; 26(1):69-79,  1842-1121 | 1.964 |
| 15 | Vesa ŞC, **Trifa AP**, Crişan S, Buzoianu AD | VKORC1 -1639 G>A Polymorphism in Romanian Patients With Deep Vein Thrombosis | 2016, Clinical and Applied Thrombosis/Hemostasis;22(8):760-764,  1076-0296 | 2.096 |
| 16 | Daraban AM, **Trifa AP**, Popp RA, Botezatu D, Serban M, Uscatescu V, Talmaci R, Coriu D, Ginghina C, Jurcut RO | Thrombophilia genetic testing in Romanian young women with acute thrombotic events: role of Factor V Leiden, Prothrombin G20210A, MTHFR C677T and A1298C polymorphisms | 2016, Revista Română de Medicină de Laborator; 24(3):291-305,  1841-6624 | 0.325 |
| 17 | Petrisor FM, Catana A, Marginean DH, **Trifa AP**, Popp RA, Pop IV | FGB -455 G>A and GP IIIa PIA1/A2 polymorphisms in a group of Romanian stroke patients | 2016, Revista Română de Medicină de Laborator; 24:45-54,  1841-6624 | 0.325 |
| 18 | Bănescu C, Duicu C, **Trifa AP**, Dobreanu M | XRCC1 Arg194Trp and Arg399Gln polymorphisms are significantly associated with shorter survival in acute myeloid leukemia | 2014, Leukemia&Lymphoma;55(2):365-70,  1042-8194 | 2.301 |
| 19 | Pop TR, Vesa ŞC, **Trifa AP**, Crişan S, Buzoianu AD | PAI-1 4G/5G and MTHFR C677T polymorphisms increased the accuracy of two prediction scores for the risk of acute lower extremity deep vein thrombosis | 2014, Romanian Journal of Morphology and Embryology; 55(1):153-7, | 0.723 |
| 20 | Cucuianu A, Patiu M, **Trifa AP**, Tomuleasa C, Dima D | Redistribution of iron towards deposits in erythroblastopenic anemia as a consequence of decreased erythroferrone production | 2014, Med Hypotheses ;83(5):530-2 | 1.074 |
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| 22 | Dima D, **Trifa AP**, Patiu M, Vesa SC, Frinc IC, Petrov L, Cucuianu A | Tyrosine kinase inhibitor treatment outcome in a single center cohort of chronic myeloid leukemia patients. The role of the T315I ABL kinase domain mutation | 2013, Revista Română de Medicină de Laborator; 21(1):29-37,  1841-6624 | 0.171 |
| 23 | Hotoleanu C, **Trifa A**, Popp R, Fodor D | The importance of homozygous polymorphisms of methylenetetrahydrofolate reductase gene in romanian patients with idiopathic venous thromboembolism | 2013, Balkan Medical Journal; 30(2):197-203 | 0.169 |
| 24 | Militaru FC, Vesa SC, Crisan S, Militaru V, **Trifa AP**, Buzoianu AD | Genotype-phenotype correlations in patients treated with acenocoumarol | 2013, Revista Română de Medicină de Laborator; 22(3):347-54,  1841-6624 | 0.171 |
| 25 | Pop TR, Vesa Ş, **Trifa AP**, Crişan S, Buzoianu AD | An acenocoumarol dose algorithm based on a South-Eastern European population | 2013, European Journal of Clinical Pharmacology; 69(11):1901-7,  1432-1041 | 2.741 |
| 26 | Crişan TO, Farcaş MF, **Trifa AP**, Plantinga TS, Militaru MS, Pop IV, Netea MG, Popp RA | TLR1 polymorphisms in Europeans and spontaneous pregnancy loss | 2012, Gene; 494(1):109-11 | 2.341 |
| 27 | Kacso IM, **Trifa AP**, Popp RA, Kacso G | Association of 276G>T adiponectin gene polymorphism to plasma adiponectin and albuminuria in type 2 diabetic patients | 2012, International Urology and Nephrology; 44(6):1771-7 | 1.471 |
| 28 | Crişan TO, **Trifa A,** Farcaş M, Militaru M, Netea M, Pop I, Popp R | The MTHFD1 c.1958 G>A polymorphism and recurrent spontaneous abortions | 2011, The Journal of Maternal-Fetal & Neonatal Medicine; 24(1):189-92 | 1.495 |
| 29 | Lazăr C, Popp R, **Trifa A**, Mocanu C, Mihut G, Al-Khzouz C, Tomescu E, Figan I, Grigorescu-Sido P | Prevalence of the c.35delG and p.W24X mutations in the GJB2 gene in patients with nonsyndromic hearing loss from North-West Romania | 2010, International Journal of Pediatric Otorhinolaryngology ;74(4):351-5 | 1.167 |
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**TRIFA ADRIAN PAVEL**