



CURRICULUM VITAE

Date personale:

Nume, Prenume: **Claudia Bănescu**

Titlu academic: **Profesor universitar**

Departament: **M1- Științe morfologice, Disciplina: Genetică**

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Domenii de interes (maximum 5 domenii, direcții): **Genetică, hemato-oncologie, boli rare**

Activitate de cercetare:

1. Proiecte de cercetare (maximum 3 proiecte)

- Dezvoltarea unui scor poligenic integrativ pentru prognosticul pacienților cu leucemie acută mieloidă folosind abordări genomice complexe, PN-III-P4-ID-PCE-2020-1928, contract nr 72/2021, 250000 euro – director proiect
- Metoda rapidă high resolution melting multiplex pentru analiza mutațiilor genelor FLT3, NPM1 și DNMT3A în leucemia acută mieloidă. PN-III-P2-2.1-PED-2016-1076, 133153 euro - director proiect
- Intramural cells as biomarkers and therapeutic targets for Alzheimer's disease, CF63/14.11.2022, PNRR/2022/C9/MCID/I8, value 1.4 milioane euro – membru

2. Lucrări publicate in extenso (maximum 5 lucrări)

- Bănescu C, Tripon F, Trifa AP, et al. Presence of copy number aberration and clinical prognostic factors in patients with acute myeloid leukemia: an analysis of effect modification. Pol Arch Intern Med. 2019;129(12):898-906. doi: 10.20452/pamw.15093.
- Bănescu C, Tripon F, Trifa AP, et al. Cytokine rs361525, rs1800750, rs1800629, rs1800896, rs1800872, rs1800795, rs1800470, and rs2430561 SNPs in relation with prognostic factors in acute myeloid leukemia. Cancer Med. 2019;8(12):5492-5506. doi: 10.1002/cam4.2424.
- Banescu C, Tripon F, Bojan AS, et al Association of TLR4 Rs4986791 Polymorphism and TLR9 Haplotypes with Acute Myeloid Leukemia Susceptibility: A Case-Control Study of Adult Patients. J Pers Med. 2022;12(3):409. doi: 10.3390/jpm12030409.
- Bănescu C, Tripon F, Muntean C. The Genetic Landscape of Myelodysplastic Neoplasm Progression to Acute Myeloid Leukemia. Int J Mol Sci. 2023; 24(6):5734. doi: 10.3390/ijms24065734
- Trifa AP, Bănescu C, Bojan AS, et al. MECOM, HBS1L-MYB, THRB-RARB, JAK2, and TERT polymorphisms defining the genetic predisposition to myeloproliferative neoplasms: A study on 939 patients. Am J Hematol. 2018;93(1):100-106. doi: 10.1002/ajh.24946.
- Trifa AP, Bănescu C, Tevet M et al. 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 Br J Haematol. 2016; 174(2):218-26. doi: 10.1111/bjh.14041

