

MEMORIU DE ACTIVITATE PROFESIONALĂ ȘI ȘTIINȚIFICĂ

I. STUDII

STUDII UNIVERSITARE

perioada 2008-2011: UNIVERSITATEA DIN PITEȘTI, Facultatea de Științe, Diplomă de Licență în Biologie

STUDII DE MASTERAT:

perioada 2011-2013: UNIVERSITATEA DIN PITEȘTI, Facultatea de Științe, Diplomă de Master în Biologie medicală

perioada 2015-2017: UNIVERSITATEA DIN BUCUREȘTI, Facultatea de Biologie, Diplomă de Master în Genetică aplicată și biotehnologie

II. ACTIVITATE PROFESIONALĂ

perioada: 05.2024 – până în prezent

funcția: biolog principal

angajator: Institutul Clinic Fundeni, Departamentul de Imunogenetică și Virusologie, București

perioada: 09.2017 – 04.2024

funcția: biolog specialist

angajator: Institutul Clinic Fundeni, Departamentul de Imunogenetică și Virusologie, București

perioada: 02.2014 – 09.2017

funcția: biolog

angajator: Medicare S.R.L., București

perioada: 04.2013 – 02.2014

funcția: biolog

angajator: Spitalul Județean de Urgență Pitești, Argeș

III. ACTIVITATE ȘTIINȚIFICĂ

Articole în reviste indexate ISI

Tălăngescu A. Calenic B, Mihăilescu DF, Tizu M, Marunțelu I, Constantinescu AE, Constantinescu I. Molecular Analysis of HLA Genes in Romanian Patients with Chronic Hepatitis B Virus Infection. *Current Issues in Molecular Biology*. 2024; 46(2):1064-1077, FI- 3.3/2024.

Tălăngescu A, Bratei AA, Tizu M, Calenic B, Constantinescu AE, Constantinescu I, High-resolution genotyping of HLA alleles and association with genetic background of virological response in chronic hepatitis B. *Clinical Laboratory*. 250119-07/2025 acceptat spre publicare, FI – 0,7/2025.

Tizu M, Calenic B, Hârza M, Cristea BM, Maruntelu I, Caragea AM, **Tălăngescu A.** Dima A, Constantinescu AE, Constantinescu I. HLA Gene Polymorphisms in Romanian Patients with Chronic Lymphocytic Leukemia. *Genetics research*. 2024 Feb 28, FI-1.5/2024.

Dratwa-Kuzmin M, Hadra BA, Oguz F, Ogret Y, Constantinescu I, Apostol D, **Tălăngescu A,** Constantinescu A-E, Maruntelu I, Kościńska K, et al. Telomere Length, HLA, and Longevity—Results from a Multicenter Study. *International Journal of Molecular Sciences*. 2024; 25(17):9457, FI-4,9/2024.

Caragea AM, Ursu R-I, Maruntelu I, Tizu M, Constantinescu A-E, **Tălăngescu A,** Constantinescu I. High Resolution HLA-A, HLA-B, and HLA-C Allele Frequencies in Romanian Hematopoietic Stem Cell Donors. *International Journal of Molecular Sciences*. 2024; 25(16):8837, FI-4,9/2024.

Caragea AM, Ursu R-I, Visan LD, Maruntelu I, Iordache P, Constantinescu A, Tizu M, **Tălăngescu A,** Constantinescu I. High-Resolution HLA-DRB1 Allele Frequencies in a Romanian Cohort of Stem Cell Donors. *Balkan Journal of Medical Genetics*. 2024; 27(1), 43–49, IF-0,5/2024.

Maruntelu I, Preda C, Sandra I, Istratescu D, Chifulescu A, Manuc M, Diculescu M, **Tălăngescu A,** Tugui L, Manuc T, Stroie T, Andrei A, Tieranu C, Constantinescu I. HLA

Genotyping in Romanian Adult Patients with Celiac Disease, their First-degree Relatives and Healthy Persons. *Journal of Gastrointestinal and Liver Diseases*. 2022;31(2):191-197. FI- 2.2/2022.

Articole în reviste indexate BDI

Tălăngescu A, Tizu M, Calenic B, Mihăilescu DF, Constantinescu AE, Constantinescu I. HLA Genetic Diversity and Chronic Hepatitis B Virus Infection: Effect of Heterozygosity Advantage. *Medical Sciences*. 2024; 12(3):44.

Tizu M, Calenic B, Maruntelu I, Caragea AM, **Tălăngescu A**, Ursu L, Rotarescu C, Surugiu M, Constantinescu AE, Constantinescu I. Immunogenetic Background of Chronic Lymphoproliferative Disorders in Romanian Patients—Case Control Study. *Medical Sciences*. 2024; 12(1):14.

Participări la conferințe

Ion Maruntelu, Daniela Filofteia Nedelcu, Ana Moise, Adela Maria Toader, Larisa Denisa Visan, Corina Andreea Rotarescu, Mirela Maria Iacob, **Adriana Tălăngescu**, Ileana Constantinescu. Aspects of allelic HLA polymorphisms in patients with chronic kidney diseases undergoing kidney transplantation. National Romtransplant Congress, September 23-26, 2020, on-line.

Ion Maruntelu, Daniela Filofteia Nedelcu, Ana Moise, Adela Maria Toader, Larisa Denisa Visan, Corina Andreea Rotarescu, Mirela Maria Iacob, **Adriana Tălăngescu**, Ileana Constantinescu. Aspects of allelic HLA polymorphisms in patients with chronic kidney diseases undergoing kidney transplantation. The 34th European Federation of Immunogenetics (EFI) and 31st British Society Histocompatibility and Immunogenetics (BSHI) Conference, April 21-23, 2021, on-line.

Andreea Mirela Caragea, Ana Moise, Maria Tizu, Ion Mărunțelu, **Adriana Tălăngescu**, Mirela Maria Iacob, Adela Maria Toader, Ileana Constantinescu. Challenges in Chimerism analysis for graft function monitoring after hematopoietic stem cell transplantation.

National Congress of the Romanian Society of Bone Marrow Transplant, November 5-6, 2021.

Maria Tizu, Andreea Mirela Caragea, **Adriana Tălăngescu**, Mirela Maria Iacob, Ileana Constantinescu. Could HLA alleles be a genetic pattern for chronic lymphoproliferative diseases? National Congress of the Romanian Society of Bone Marrow Transplant, November 5-6, 2021.

Adriana Tălăngescu, Dimitri Apostol, Mirela Maria Iacob, Andreea Mirela Caragea, Ion Maruntelu, Maria Tizu, Carmen Preda, Secil Omer, Victor Stoica, Mircea Diculescu, Ileana Constantinescu. Molecular analysis of HLA genes and their clinical impact in patients with chronic infection induced by the hepatitis B virus. Congress of the "Carol Davila" University of Medicine and Pharmacy, 9th edition, November 25-27, 2021, Bucharest.

Andreea Mirela Caragea, Ion Maruntelu, **Adriana Tălăngescu**, Mirela Maria Iacob, Dimitri Apostol, Maria Tizu, Aurora Dragomiristeanu, Anca Colita and Ileana Constantinescu. Frequency of HLA alleles and haplotypes defined by next-generation sequencing and possible clinical applications. Congress of the "Carol Davila" University of Medicine and Pharmacy, 9th edition, November 25-27, 2021, Bucharest.

Maria Tizu, Andreea Mirela Caragea, Ion Maruntelu, **Adriana Tălăngescu**, Mirela Maria Iacob, Dimitri Apostol, Ana Moise, Razvan Stoia, Zsofia Varady, Alexandru Bardas, Cristina Georgiana Jercan, Letitia Elena Radu, Anca Colita, Daniel Coriu and Ileana Constantinescu. Immunogenetic background of chronic lymphoproliferative diseases. Congress of the "Carol Davila" University of Medicine and Pharmacy, 9th edition, November 25-27, 2021, Bucharest.

Dimitri Apostol, Mirela Maria Iacob, **Adriana Tălăngescu**, Andreea Mirela Caragea, Ion Măruntelu, Maria Tizu, Carmen Preda, Secil Omer, Victor Stoica, Mircea Diculescu, Ileana Constantinescu. Analysis of microRNA changes in patients with autoimmune digestive diseases - Preliminary data. Congress of the "Carol Davila" University of Medicine and Pharmacy, 9th edition, November 25-27, 2021, Bucharest.

Maruntelu I, Preda CM, Sandra I, Isarescu D, Chifulescu AE, Manuc M, Diculescu M, **Talangescu A**, Tugui L, Manuc T, Stroie T, Andrei AC, Tioreanu C, Constantinescu I. HLA genotyping in Romanian adult patients with celiac disease, their first-degree relatives and healthy persons. National Congress of Gastroenterology, Hepatology and Digestive Endoscopy, 41st edition, 30.06-02.07.2022, Bucharest.

Adriana Tălăngescu, Carmen Preda, Dimitri Apostol, Victor Stoica, Maria Mirela Iacob, Maria Tizu, Ion Maruntelu, Ileana Constantinescu, Mircea Diculescu. Association between HLA zygosity and chronic hepatitis B virus infection in Romanian patients. National Congress of Gastroenterology, Hepatology and Digestive Endoscopy, 41st edition, 30.06-02.07.2022 Bucharest.

Ion Maruntelu, Dimitri Apostol, **Adriana Tălăngescu**, Corina Rotarescu, Ileana Constantinescu. HLA Genes in Romanian Patients with Chronic Renal Failure with Indication for Renal Transplantation. AOSR 2022 Fall National Scientific Conference, November 3-5, 2022, Cluj-Napoca.

Ion Maruntelu, Dimitri Apostol, **Adriana Tălăngescu**, Corina Rotarescu, Ileana Constantinescu. Relevance of HLA Genes in Romanian Patients with Celiac Disease. AOSR 2022 Fall National Scientific Conference, November 3-5, 2022, Cluj-Napoca.

Adriana Tălăngescu, Dimitri Apostol, Ion Maruntelu, Corina Rotarescu, Ileana Constantinescu. Molecular analysis of HLA genes and their clinical impact in patients with chronic hepatitis B virus infection. AOSR 2022 Fall National Scientific Conference, November 3-5, 2022, Cluj-Napoca.

Corina Rotarescu, Ion Maruntelu, Larisa Visan, **Adriana Tălăngescu**, Mariana Surugiu, Bogdan Calenic and Ileana Constantinescu. Viral reactivation after allogeneic hematopoietic stem cell transplantation. SRTM Congress, November 11-13, 2022, Bucharest.

Ileana Constantinescu, Andreea Caragea, Larisa Visan, **Adriana Tălăngescu**, Alina Tanase, Anca Colita. The frequency of HLA haplotypes in the Romanian population. Our experience in haploidentical HSCT. SRTM Congress, November 11-13, 2022, Bucharest.

Ion Maruntelu, Carmen Preda, **Adriana Tălăngescu**, Ileana Constantinescu. Relevance of HLA Genes in Romanian Patients with Celiac Disease. XIV National Conference of the Romanian Laboratory Medicine Association. June 14-16, 2023. Timișoara.

Adriana Tălăngescu, Marina Manea, Corina Rotarescu, Maria Tizu, Ileana Constantinescu. New aspects of antiviral treatment in chronic HBV infection. XIV National Conference of the Romanian Laboratory Medicine Association. June 14-16, 2023. Timișoara.

Adriana Tălăngescu, Ileana Constantinescu. News in HLA genotyping: An analysis of the impact on the compatibility and survival of renal transplantation. Congress of the Carol Davila University of Medicine and Pharmacy, Ed.11, Palace of the Parliament, October 26-28, 2023, Bucharest.

Adriana Tălăngescu, Corina Rotarescu, Ion Maruntelu and Ileana Constantinescu. Updates in HLA genotyping: an analysis of the impact on renal transplant compatibility and survival. Conference of the Romanian Medical Laboratory Society, May 14-17, 2024, Eforie Nord.

Postere

Adriana Tălăngescu, Dimitri Apostol, Maria Mirela Iacob, Maria Tizu, Ion Maruntelu, Ileana Constantinescu. Identification and characterization of new HLA alleles discovered by next generation sequencing in Romanian patients. The 35th Conference of the European Federation for Immunogenetics, 17-20 may 2022, Amsterdam.

Adriana Tălăngescu, Dimitri Apostol, Maria Mirela Iacob, Maria Tizu, Ion Maruntelu, Ileana Constantinescu. Molecular analysis of HLA genes and their clinical impact in patients with chronic hepatitis B virus infection. The 35th Conference of the European Federation for Immunogenetics, 17-20 may 2022, Amsterdam.

Caragea, Andreea; Ursu, Radu Ioan; Ursu, Larisa Denisa; Maruntelu, Ion; **Tălăngescu, Adriana**; Iacob, Mirela Maria; Tizu, Maria; Matei, Alexandra Gabriela; Cojocaru, Alexandra; Marin, Adelina Mariana; Mocanu, Alexandra Bianca; Filimon, Simona; Calin, Anamaria; Truica, Radu Alexandru; Reisler, Anisia Capitanu; Catana, Bianca Andreea; Calimente, Alex Stefan; Constantinescu, Ileana. High-resolution HLA allele frequencies in unrelated populations determined by next-generation sequencing. 18th International HLA & Immunogenetics Workshop (IHIWS). HLA, 2023.

Bogunia-Kubik, Katarzyna; Dratwa, Marta; Al Hadraa, Bushra; Oguz, Fatma; Ogret, Yeliz; Constantinescu, Ileana; Apostol, Dimitri; **Tălăngescu, Adriana**; Constantinescu, Alexandra-Elena; Maruntelu, Ion; Koscinska, Katarzyna; Lukanov, Tsvetelin; Naumova, Elissaveta

Telomeres and aging and their relationship with HLA - results from the project Immunogenetics of Aging, 18th International HLA & Immunogenetics Workshop (IHIWS), 2023.

Caragea AM, Ursu R-I, Visan LD, Maruntelu I, **Tălăngescu A**, Iacob MM, Tizu M, Matei AG, Cojocaru A, Marin AM, Mocanu AB, Filimon S, Calin A, Truica RA, Capitanu A, Reiser, BA Catana, AS Calimente, I. Constantinescu. High-resolution HLA allele frequencies in unrelated populations determined by next generation sequencing, 36th European Conference on Immunogenetics, April 26-29, 2023, Nantes, France.

Abstracte în reviste ISI

Ileana Constantinescu, Maruntelu Ion, Toader Adela, Nedelcu Daniela Filofteia, Visan Larisa Denisa, Rotarescu Corina, Mirela Maria Iacob, **Tălăngescu Adriana**, Moise Ana. Aspects of allelic HLA polymorphism in patients with chronic kidney diseases undergoing kidney transplantation. HLA, 2020;95(4):411-412.

Ileana Constantinescu, Caragea Andreea, **Tălăngescu Adriana**, Rotarescu Corina, Visan Larisa Denisa, Maruntelu Ion, Moise Ana. Aspects of pediatric immunology in approaching kidney transplantation in children. HLA, 2020;95(4):312.

Caragea AM, Ursu R-I, Visan LD, Maruntelu I, **Tălăngescu A**, Iacob MM, Tizu M, Matei AG, Cojocaru A, Marin AM, Mocanu AB, Filimon S, Calin A, Truica RA, Capitanu A, Reiser, BA Catana, AS Calimente, I. Constantinescu. High-resolution HLA allele frequencies in unrelated populations determined by next generation sequencing HLA, 2023, Vol. 101, Issue 4, page 397.

Bogunia-Kubik, Katarzyna; Dratwa, Marta; Al Hadraa, Bushra; Oguz, Fatma; Ogret, Yeliz; Constantinescu, Ileana; Apostol, Dimitri; **Tălăngescu, Adriana**; Constantinescu, Alexandra-Elena; Maruntelu, Ion; Koscinska, Katarzyna; Lukanov, Tsvetelin; Naumova, Elissaveta

Telomeres and aging and their relationship with HLA - results from the project Immunogenetics of Aging. HLA, 2023, Vol. 101, Issue 4, page 334.

Participări la cursuri de perfecționare

Utilizarea nutrigeneticii în definirea nevoilor nutriționale individuale, 12-16 iunie, 2017 București.

Formarea Profesională a personalului din sistemul medical din Romania în Genetică medicală – PROGEN, 2019, București.

MiaFora NGS Training, Immucor, 14-17 October, 2019, Frankfurt, Germany.

NGS-Turbo workflow, GenDx Training, 01-02 April, 2025, București.