

**C.1 CURRICULUM VITAE****Personal information**

Name, Surname:	Alina Daniela, Tănase		
Date of birth:		Sex:	F
Nationality:	Romanian		
Researcher unique identifier(s) (ORCID, Researcher ID etc.):	ORCID: 0000-0003-3075-499X Researcher ID: M-6237-2017 Scopus ID: 25227101500 Brainmap: <a href="https://www.brainmap.ro/alina-tanase">https://www.brainmap.ro/alina-tanase</a>		
URL for personal website (if case):	-		

**Education**

Year	Faculty/department - University/institution - Country
2018	Doctoral thesis Coordinator in Medicine, Habilitation No. 5511/ 14.11.2018 – Doctoral School - Carol Davila University of Medicine and Pharmacy, Bucharest - Romania
2010-2013	Post-doctoral fellow, training: Invasive fungal infections in hematological patients- incidence, post-treatment evolution, prognostic factors, as part of the European Social Fund project POSDRU/89/1.5/S/64109 - Department of Hematology - Carol Davila University of Medicine and Pharmacy, Bucharest - Romania
2004	Doctor in Medical Sciences -Ph.D. thesis: “Primitive mediastinal non-Hodgkin malignant lymphoma – prognostic and biological implication”, supervisor: Prof. Tudorel Ciurea, Ph.D. - Faculty of Medicine – University of Medicine and Pharmacy, Craiova – Romania
2003	Medical Specialization in Bone Marrow Transplantation - Completed specialized training in bone marrow transplantation, acquiring expertise in the diagnosis, treatment, and management of patients undergoing this advanced procedure. Developed comprehensive skills in hematopoietic stem cell transplantation techniques and patient care within the context of bone marrow transplantation. - The Ministry of Education and Research, Romania
2001	Medical Specialization in Psycho-Oncology - Romanian Ministry of Health in collaboration with the Embassy of France in Bucharest and Association Francaise D’Aide Medicale Aux Roumains – Romania and France
1999 - 2004	Medical Specialization in Hematology and Hemobiology - Completed specialized training in hematology, gaining expertise in the diagnosis, treatment, and management of various hematologic disorders. Acquired comprehensive knowledge and skills in laboratory diagnostics, blood transfusion medicine, and therapeutic interventions specific to hematology - The Ministry of Health and Family - Romania
1988-1994	Medical doctor - Faculty of Medicine – University of Medicine and Pharmacy Craiova - Romania

**Positions - current and previous***(Academic sector/research institutes/industrial sector/public sector/other)*

Year	Job title – Employer - Country
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<i>Academic sector</i>	
2022-present	Professor at the Immunology and Transplant Immunology Department - "Carol Davila" University of Medicine and Pharmacy Bucharest - Romania
2019 – 2022	Professor of Hematology - Faculty of Medicine, "Titu Maiorescu" University, Bucharest – Romania
2015 - 2019	Associate Professor in Hematology - Faculty of Medicine, "Titu Maiorescu" University, Bucharest – Romania
1999 - 2000	Assistant Professor – Hematology Department - University of Medicine and Pharmacy Craiova - Romania
<i>Public Sector</i>	
2021 - present	President of the National Committee for Cellular Therapies - Ministry of Health - Romania
2017 - present	President of the Romanian Society of Bone Marrow Transplantation - Romania
2017 -2021	President of the National Committee for Hematology - Ministry of Health - Romania
<i>Research institutes</i>	
2019 – 2022	Medical Director - Fundeni Clinical Institute Bucharest - Romania
2019	General Manager - Fundeni Clinical Institute Bucharest – Romania
2017 - present	Head of the Bone Marrow Transplantation Unit - Fundeni Clinical Institute, Bucharest - Romania
2016 – present	Head of the IVth Hematology Section (bone marrow transplant) - Fundeni Clinical Institute, Bucharest - Romania
2011 -2016	Medical Director - Fundeni Clinical Institute Bucharest - Romania President of the Medical Council - Fundeni Clinical Institute, Bucharest - Romania
2010 - present	Coordinator of the Bone Marrow Transplantation Program - Fundeni Clinical Institute Bucharest - Romania
2000 – 2011	Senior hematologist - Bone Marrow Transplantation Unit - Fundeni Clinical Institute, Bucharest - Romania

#### **Career breaks** (if case)

Year	Reason
-	-

#### **Project management experience**

(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)

Year	Project title - Role – Funder – Budget – link to project webpage
2022 - 2025	Creation, Operational and Development of the National Center of Competence in the field of Cancer (NCCC) - Member - EC and the Ministry of Research, Development and Innovation, competition PNRR-C9-I5, grant no. 760009/ 2022 - budget - 4.623.525,6 EUR <a href="https://www.ivb.ro/en/pnrr-iii-c9-2022-i5">https://www.ivb.ro/en/pnrr-iii-c9-2022-i5</a>
2020 - 2021	HE-RO-IS strategic cooperation in hematology" – Co-project manager - EEA Grants-Financial Mechanism 2009-2014, grant no.19-COP-0031-2178/ 2020, -144.153 Euro - <a href="http://old.umfcluj.ro/component/content/article/8-ro/644">http://old.umfcluj.ro/component/content/article/8-ro/644</a>

2019 - 2022	Improving the Regulation Process in the Transplant Field – Member (expert/responsible for Hematopoietic Stem Cell Transplantation ) – national project funded by the Ministry of Health, European Social Fund, Operational Programme Administrative Capacity grant code SIPOCA 696/ SMIS-129166 - 2.660.894 EUR (non-refundable budget 2,234.722 EUR) - <a href="https://ms.ro/ro/unitatea-de-implementare-si-coordonare-programe/imbunatatirea-procesului-de-reglementare-in-domeniul-transplantului/">https://ms.ro/ro/unitatea-de-implementare-si-coordonare-programe/imbunatatirea-procesului-de-reglementare-in-domeniul-transplantului/</a>
2015 - 2016	Innovative Nanoparticles-based Chemotherapy for Acute Myeloid Leukemia; Scholarships and inter-institutional cooperation in the Higher Education area of Romania, Norway, Iceland, and Liechtenstein - Co-project manager - EEA Grants-Financial Mechanism, competition PN-III-P1-1.1-BT-2016, grant no. SEE-027 - 1/0021/ 2015 – 41.111,11 EUR (SEE: 37.000 EUR) - <a href="https://eeagrants.org/archive/2009-2014/projects/RO15-0076">https://eeagrants.org/archive/2009-2014/projects/RO15-0076</a>
2015	Development of Competencies in Transplant - Member (Long-term expert, regional tutor, coordinator of the Hematopoietic Stem Cell Transplantation Course) - Ministry of National Education, European Social Fund, Operational Programme Human Resources Development, POSDRU/186/3.2/S competition, grant no. 155295 - 17.795.725 EUR (non-refundable budget 17.435.252 EUR)
2014 - 2018	Exploratory Research on Myeloid Regulatory Cells (Mye-EUNITER) - Project manager for Romania - EC, Horizon 2020 Programme, competition BMBS COST, Action BM1404 European Network of Investigators Triggering - 60.000.000 EUR (excluding the budget for Romania) - <a href="https://www.cost.eu/actions/BM1404/">https://www.cost.eu/actions/BM1404/</a>
2014	Counselling Program for High School Students and Medical Students in Imaging and Radiology Practice – Member (member of the research team/practice tutor) - Ministry of National Education, European Social Fund, Operational Programme Human Resources Development 2007-2013, POSDRU/161/2.1/G competition, grant no.136326 - 434.244 EUR
2019 -2020	Hematology Humanitas Milano-Romania Lymphoma Project - <b>Coordinator</b> - Romanian Society of Hematopoietic Stem Cell Transplantation/ Romanian Association against Leukemia (ARIL) - 10.000 EUR
2016	Guidelines Adult T cell leukemia/ lymphoma (ATL treatment) – <b>Coordinator</b> - Romanian Society of Hematopoietic Stem Cell Transplantation/ Romanian Association against Leukemia (ARIL) - 10.000 EUR
2015 - 2018	Blood transfusion and tissue and cell transplantation Joint Action (Vigilance and inspection for transfusion, assisted reproduction, and transplantation) - Co-project manager (responsible for WP.6: Good Practice Guides for Inspectors; WP.7–Training; WP.8–Joint Intra-community Inspections) - EC, competition Type HP-PJ, Blood transfusion and tissue and cell transplantation, grant no. HP-JA-2014/ JA-07-2014 -2.328.664 EUR - <a href="https://www.notifylibrary.org/content/vigilance-and-inspection-safety-transfusion-assisted-reproduction-and-transplantation">https://www.notifylibrary.org/content/vigilance-and-inspection-safety-transfusion-assisted-reproduction-and-transplantation</a>
2011-2012	Specialization for Excellence, Efficiency, and Response in Organ Transplantation (S.P.E.R) - Member (long-term expert, tutor) - Ministry of National Education, European Social Fund, Operational Programme Human Resources Development 2007-2013, competition POSDRU/81/3.2./S, grant no. 59616 - 1.197.644 EUR
2007 - 2009	Autologous Stem Cell Transplantation in Cardiovascular Diseases - Member - national project funded by UEFISCDI, competition P II, grant no. 41_075/ 2007 - 400.000 EUR
2006 - 2008	Optimization of Therapeutic Strategies Based on the Biological Characteristics of Malignant Cells in Childhood Acute Leukemias (LACRO-2006) - Member - Romanian Ministry of Education and Research/ UEFISCDI, CEEX Programme, grant no. 76/2006 – 300.000 EUR - <a href="#">link</a>

2006 - 2008	The Molecular Typing Value of HLA Profiles for Optimizing the Selection of Hematopoietic Stem Cell Donors and for Initiating the Romanian National Donor Registry - Member - national project funded by Romanian Ministry of Education and Research/ UEFISCDI, CEEEX Programme, grant no 75/2006 – 300.000 EUR
2005 - 2007	Molecular Monitoring of Hematopoietic Stem Cell Grafting. The Impact of Chimerism Analysis in Allogeneic Transplants with Myelo and Non-myeloablative Conditioning Regimens (TCSH) Member - national project funded by Romanian Ministry of Education and Research/ UEFISCDI, CEEEX Programme, grant no. 48/2005 - 200.000 EUR
2014-2015	CERO - Career Profile: Romanian Researcher - Member (member of the research team/ practice tutor) - Ministry of National Education, European Social Fund, Operational Programme Human Resources Development 2007-2013, competition POSDRU/159/1.5/S, grant no.135760 - 120.404 EUR

### Other relevant professional experiences

(e.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees and major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
<i>organisation of international scientific meetings</i>	
2015	Educational course of the Lymphoma Working Party on SCT in lymphomas, Heidelberg Germany - Organizer
2015	The First International Society of Regenerative Medicine and Surgery Congress, Bucharest, Romania - Founder
2012	8 <sup>th</sup> Educational course of the Lymphoma working party on “Lymphomas and Stem cell Transplantation”, Bucharest, Romania – Organizer <a href="http://www.ebmt.org">www.ebmt.org</a>
2012	The 7 <sup>th</sup> Meeting of the EBMT-NG East Forum, Plzen, Czechia - Organizer <a href="http://newsletter.ebmt.org/november2012/Nurses%20Group/nurses-national.html">http://newsletter.ebmt.org/november2012/Nurses%20Group/nurses-national.html</a>
2013	The 4 <sup>th</sup> EBMT training course for pediatricians and pediatric nurses on HSCT in children and adolescents: interactive EBMT PDs course - Organizer <a href="https://www.ebmt.org/Contents/Education/Educational%20Events/Documents/Bucarest%20course%20Program%2025.03.2013.pdf">https://www.ebmt.org/Contents/Education/Educational%20Events/Documents/Bucarest%20course%20Program%2025.03.2013.pdf</a>
2017 - 2021	Annual Congress of Romanian Society of Bone Marrow Transplant - Organizer
<i>membership in academic societies</i>	
2016 - present	Romanian Society of Bone Marrow Transplantation - President
2019 - present	Romanian Society of Oncofertility - Vice-president
2017 - present	Romanian Society of Hematology – Board Member
2017- present	European Hematology Association - Member
2019- present	European Blood and Marrow Transplantation (EBMT) - Lymphoma Working Party Panel member
2011 - 2019	ECIL (European Conference on Infections in Leukemia) - Member
2020 - present	American Society of Transplantation and Cell Therapy (ASTCT) - Member
2018 - present	American Society of Hematology - Member
2022 - present	Romanian Academy of Medical Science – Corresponding Member
<i>advisory boards</i>	
2020	Journal of Clinical Medicine - Guest editor of Special Issue “Progresses in Hematopoietic Stem Cell Transplantation and cellular Therapies”
2020	Transplantology an Open Access Journal by MDPI - Guest editor of Special Issue “Progresses in Hematopoietic Stem Cell Transplantation and cellular Therapies”

## C.2 Track record of the last 10 years

A list of the ten most important scientific outputs (publications, patents, technologies etc).

1. Assessment of Impact of Human Leukocyte Antigen-Type and Cytokine-Type Responses on Outcomes after Targeted Therapy Currently Used to Treat Chronic Lymphocytic Leukemia Andreescu, M; Berbec, N and Tanase, AD J Clin Med. 2023 Apr 6;12(7):2731. doi: 10.3390/jcm12072731. <https://pubmed.ncbi.nlm.nih.gov/37048814/>
2. Incidence and Risk Factors for Acute Kidney Injury after Allogeneic Stem Cell Transplantation: A Prospective Study; Andreea Andronesi, Bogdan Sorohan, Andreea Burcea, Lavinia Lipan, Cristina Stanescu, Oana Craciun, Laura Stefan, Adela Ranete, Zsofia Varady, Oana Ungureanu, Gabriela Lupusoru , Gabriela Agrigoroaei, Danut Andronesi, Luminita Iliuta, Bogdan Obrisca, Alina Tanase, Biomedicines, 2022; <https://pubmed.ncbi.nlm.nih.gov/35203472/>
3. Clonal Hematopoiesis and Liquid Biopsy in Gastrointestinal Cancers; Croitoru V, Cazacu I, Popescu I, Paul D, Dima S, Croitoru A, Tanase A; Frontiers in Medicine, Front Med (Lausanne). 2022 Jan 21;8:772166. doi: 10.3389/fmed.2021.772166. <https://pubmed.ncbi.nlm.nih.gov/35127745/>
4. Comparison of peripheral blood stem cell mobilization with filgrastim versus pegfilgrastim in lymphoma patients - single center experience; Lipan, L, Colita, A, Stefan, L; Calugaroiu, C; Serban, C; Tomuleasa, C; Pasca, S; Colita, A; Tanase, A Journal Of Buon; Volume26; Issue3; Page1080-1087, jun 2021. <https://pubmed.ncbi.nlm.nih.gov/34268975/>
5. Allogeneic Stem Cell Transplantation for Adult T-Cell Leukemia/Lymphoma-Romanian Experience; Tanase, AD; Colita, A ; Craciun, OG; Lipan, L; Varady, Z; Stefan, L; Ranete, A; Pasca, S; Bumbea, H; Andreescu, M ; Popov, V; Bardas, A; Coriu, D; Lupu, AR; Tomuleasa, C; Colita, A; Hermine, O. Journal Of Clinical Medicine 2020, Volume: 9, pg 2417, <https://pubmed.ncbi.nlm.nih.gov/34268975/>
6. Haploidentical stem cell transplantation for patients with lymphoma: a position statement from the Lymphoma Working Party-European Society for Blood and Marrow Transplantation, Dietrich, S; Dreger, P; Hermine, O; Kyriakou, C; Montoto, S; Robinson, S; Schmitz, N ; Schouten, HC Sureda, A Tanase, A ; Bone Marrow Transplantation, 2020, Volume: 55 , pg 317-32. <https://pubmed.ncbi.nlm.nih.gov/31150019/>
7. LEAM vs. BEAM vs. CLV Conditioning Regimen for Autologous Stem Cell Transplantation in Malignant Lymphomas. Retrospective Comparison of Toxicity and Efficacy on 222 Patients in the First 100 Days After Transplant, On Behalf of the Romanian Society for Bone Marrow Transplantation; By:Colita, A Colita, A ; Bumbea, H; Croitoru, A ; Orban, C ; Lipan, LE; Craciun, OG; Soare, D; Ghimici, C ; Manolache, R ; Gelatu, I; Vladareanu, AM ; Pasca, S; Teodorescu, P ; Dima, D; Lupu, A; Coriu, D; Tomuleasa, C; Tanase, A, Frontiers In Oncology, 2019,9, 892; <https://pubmed.ncbi.nlm.nih.gov/31552193/>
8. Sequential kidney and allogeneic hematopoietic stem cell transplantation, By:Tanase, AD; Sinescu, I ; Baston, C; Tacu, D; Domnisor, L; Stefan, L; Ranete, A; Lipan, L; Craciun, O; Manea, I; Bumbea, H ; Ciurea, SO, American Journal Of Hematology, 2019, Volume: 94, E267-E270, <https://pubmed.ncbi.nlm.nih.gov/31342545/>
9. Incidence and risk factors for acute kidney injury following autologous stem cell transplantation for multiple myeloma” Andreea G. Andronesi, Alina D. Tanase, Bogdan M. Sorohan, Oana G. Craciun, Laura Stefan, Zsofia Varady, Lavinia Lipan, Bogdan Obrisca, Alexandra Truica, Gener Ismail; Cancer Medicine 2019;3278-3285 <https://pubmed.ncbi.nlm.nih.gov/31016881/>
10. Allogeneic and Autologous Stem Cell Transplantation for hepatosplenic T cell lymphoma: A retrospective study of the EBMT Lymphoma Working party. A Tanase, N Schmitz, H Stein, A Boumendil, H Finel, L Castagna, D Blaise, N Milpied, G Sucak, A Sureda, K. Thomson, E Vandenberghe, A Vitek, P Dreger on behalf of the Lymphoma Working Party of the EBMT Leukemia. 2015 March; 29(3): 686–688. <https://pubmed.ncbi.nlm.nih.gov/25234166/>

## C.3 Narrative CV

A narrative summarizing which work has had the greatest importance and impact.

Prof. Alina Tănase, MD, PhD, (WoS H-index = 16, WoS publications = 91, Times cited (without self-citations) = 748) stands as a distinguished luminary within the realm of hematology, wielding her expertise as the Head of the Bone Marrow Transplantation Unit at Fundeni Clinical Institute, Bucharest, Romania. Her illustrious career trajectory is marked by a steadfast dedication to advancing the understanding and treatment of hematological malignancies, underscored by her multifaceted roles as the Medical Director at Fundeni Clinical Institute, Vice President of the National Committee of Hematology of the Ministry of Health, and President of the Romanian Society of Bone Marrow Transplantation.

Graduating from the Faculty of Medicine in Craiova in 1994, Prof. Tănase embarked on an unwavering pursuit of knowledge, culminating in her specialization in hematology in 1999, super-specialization in bone marrow transplantation in 2003, and attainment of a PhD title in 2004. Her academic journey was further enriched by a postdoctoral scholarship awarded in 2010, consolidating her position as a leading authority in her field.

Prof. Tănase's quest for excellence transcended borders, as evidenced by her extensive training stints at esteemed institutions such as the Institute of Haematology Seràgnoli in Bologna, Italy, the University Hospital of Regensburg in Germany, and MD Anderson Cancer Center in Houston, Texas, USA. These immersive experiences honed her skills and broadened her horizons, paving the way for groundbreaking contributions to the field of hematology.

At the heart of Prof. Tănase's research endeavors lies a profound commitment to advancing hematopoietic stem cell transplantation, with a particular emphasis on lymphomas and graft versus host disease. Her collaborative spirit has fostered partnerships with prestigious international research centers, including MD Anderson Cancer Center in Houston, USA, and the Lymphoma Working Party from the European Bone Marrow Transplantation Association.

A crowning achievement in Prof. Tănase's illustrious career is the pioneering implementation of CAR-T therapies in adult patients at Fundeni Clinical Institute in 2022. This groundbreaking feat heralds a new era in the treatment landscape of malignant hemopathies, epitomizing Prof. Tănase's unwavering commitment to pushing the boundaries of innovation in hematology and revolutionizing patient care.

Prof. Tănase's groundbreaking research portfolio spans a diverse array of topics within hematology and oncology, showcasing her expertise and innovative contributions to the field. Notably, her investigations shed light on the molecular mechanisms underlying disease progression, inform clinical practice, and enhance patient outcomes.

Her dedication to improving treatment modalities extends to the exploration of novel therapeutic approaches, such as the use of gold nanoparticles to augment the efficacy of tyrosine kinase inhibitors in acute myeloid leukemia therapy. Prof. Tănase's holistic approach encompasses efforts to improve supportive care and patient outcomes, as evidenced by her studies on infection prevention and supportive measures in enhancing transplant success rates.

Overall, Prof. Tănase's relentless pursuit of excellence and unwavering commitment to advancing hematology and oncology through cutting-edge science and clinical innovation position her as a prominent leader in the field, leaving an indelible mark on the landscape of modern medicine.

*Note: For each nominated person, please present the CV (uploaded as a single document of maximum 6 pages, saved with the name of the member, A4 format, Times New Roman font, 11-point font size, 1.15 line spacing and 2 cm margins).*

10.05.2024