



Oana Mesaros

Work :

Email: mesaros.oana@umfcluj.ro

Gender: Female **Nationality:** Romanian

EDUCATION AND TRAINING

[10/2009 – 09/2015] **Medical degree (MD)**

"Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca (Romania)

[10/2018 – 05/2025] **PhD in Hematology**

"Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca (Romania)

[28/05/2019 – 30/05/2019] **Flow Cytometry Summer School**

Bucharest (Romania)

[24/06/2019 – 28/06/2019] **CLONE – Clinical Trials in Oncology in the New Era of Omics, Big Data, and Modeling - Summer School**

Halle (Saale) (Germany)

[01/2016 – 12/2019] **Specialist in Hematology**

"Prof. dr. Ion Chiricuta" Institute of Oncology , Cluj-Napoca (Romania)

[10/2020 – 09/2021] **Entrepreneurial studies with a scholarship**

POCU MEN in collaboration with the "Academy of Entrepreneurs in Medicine" - ACAMed " Project

[04/2026 – Current] **Post Doctoral Studies**

"Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca (Romania)

WORK EXPERIENCE

"Prof. dr. Ion Chiricuta" Institute of Oncology

City: Cluj-Napoca | **Country:** Romania

[01/2016 – 12/2019] **Intern in hematology**

"Henri Mondor" University Hospital, Paris (France)

[05/2018 – 10/2018] **Intern in hematology, FFI**

"Iuliu Hațieganu" University of Medicine and Pharmacy

City: Cluj-Napoca | **Country:** Romania

[02/2021 – Current] **Assistant Professor**

Regional Institute of Gastroenterology & Hepatology "Prof. Dr. Octavian Fodor"

City: Cluj-Napoca | **Country:** Romania

"Prof. Dr. Ion Chiricuță" Institute of Oncology

City: Cluj-Napoca | **Country:** Romania

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

French

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Cars: B

PUBLICATIONS

Publications

1. Popescu C-M, Ursache AL, Feketea G, Bocsan C, Jimbu L, Mesaros O, et al. Are community acquired respiratory viral infections an underestimated burden in hematology patients? *Microorganisms*. 2019;7(11):521.
2. Mesaros O, Jimbu L, Neaga A, Popescu C, Berceanu I, Tomuleasa C, et al. Macrophage polarization in chronic lymphocytic leukemia: nurse-like cells are the caretakers of leukemic cells. *Biomedicines*. 2020;8(11):516.
3. Jimbu L, Mesaros O, Neaga A, Nanut AM, Tomuleasa C, Dima D, et al. The potential advantage of targeting both PD-L1/PD-L2/PD-1 and IL-10-IL-10R pathways in acute myeloid leukemia. *Pharmaceuticals*. 2021;14(11): 1105.
4. Jimbu L, Mesaros O, Popescu C, Neaga A, Berceanu I, Dima D, et al. Is there a place for PD-1-PD-L blockade in acute myeloid leukemia? *Pharmaceuticals*. 2021;14(4):288.
5. Neaga A, Bagacean C, Tempescul A, Jimbu L, Mesaros O, Blag C, et al. MicroRNAs associated with a good prognosis of acute myeloid leukemia and their effect on macrophage polarization. *Frontiers in immunology*. 2021;11:582915.
6. Neaga A, Jimbu L, Mesaros O, Bota M, Lazar D, Cainap S, et al. Why do children with acute lymphoblastic leukemia fare better than adults? *Cancers*. 2021;13(15):3886.
7. Jimbu L, Valeanu M, Trifa AP, Mesaros O, Bojan A, Dima D, et al. A survival analysis of acute myeloid leukemia patients treated with intensive chemotherapy: a single center experience. *Cureus*. 2023;15(8):e43794.
8. Bosancean I, Radu A-M, Chiper Ș, Mesaroș O, Jimbu L. GRANULOCYTIC SARCOMA AND ACUTE MYELOID LEUKEMIA. *Acta Marisiensis Seria Medica*. 2024;70.
9. Jimbu L, Mesaros O, Joldes C, Neaga A, Zaharie L, Zdrenghia M. MicroRNAs associated with a bad prognosis in acute myeloid leukemia and their impact on macrophage polarization. *Biomedicines*. 2024;12(1): 121.

10. Mesaros O, Onciul M, Matei E, Joldes C, Jimbu L, Neaga A, et al. Macrophages as potential therapeutic targets in acute myeloid leukemia. *Biomedicines*. 2024;12(10):2306.
11. Mesaros O, Veres S, Onciul M, Matei E, Jimbu L, Neaga A, et al. Dysregulated MicroRNAs in Chronic Lymphocytic Leukemia. *Cureus*. 2024;16(9).
12. Neaga A, Jimbu L, Mesaros O, Blag C, Zdrenghia M. Children With Acute Lymphoblastic Leukemia in Romania: Results From a Decade–Long Single–Center Study. *Cureus*. 2024;16(9).
13. Oana M, Stefana V, Madalina O, Emilia M, Laura J, Alexandra N, et al. Dysregulated MicroRNAs in Chronic Lymphocytic Leukemia. *Cureus*. 2024;16(9).
14. Joldes C, Jimbu L, Mesaros O, Zdrenghia M, Fetica B. Tumor–associated macrophages as key modulators of disease progression in diff use large B–cell lymphoma. *Biomedicines*. 2025;13(5):1099.
15. Mesaros O, Jimbu L, Rus I, Parvu A, Tomuleasa C, Dima D, et al. Real world outcomes with Ibrutinib monotherapy in chronic lymphocytic leukemia: a single center experience. *Medicine and Pharmacy Reports*. 2025;98(1):36.
16. Nemeti G, Jimbu L, Mesaros O, Goidescu IG, Moisa C, Surcel M, et al. An Account of Acute Myeloid Leukemia Complicating Pregnancy and Literature Review. *Diagnostics*. 2025;15(19):2540.
17. David Kegyes, Ximena Muresan, Anamaria Bancos, Oana Mesaros, Adrian Bogdan Tigiu, Bogdan Borlea, Diana Gulei, Horia Bumbea, Sanda Buruiana, Mihnea Zdrenghia, Alina Tanase, Carlo M Croce, Ciprian Tomuleasa Integrating venetoclax–based targeted and/or immune therapies for chronic lymphocytic leukemia

Books

Andrei Balan, Laura Jimbu, Vlad Alexandru Manolescu, Oana Mesaros, Monica Muntean, Cristina Tiple, Sebastian Tranca, Renata Zahu, Mihnea Tudor Zdrenghia (2023). *Abordarea urgentelor la pacientul oncologic*. Cluj–Napoca. Editura Casa Cărții de Știință

CONFERENCES AND SEM- INARS

Conferences

- Speaker: "Obinutuzumab in CLL: a retrospective analysis of 21 patients in a single Romanian regional Oncology Institute experience". The Romanian– Moldavian Conference of Hematology in 7–9 June 2019, Chisinau, Moldavia;
- Speaker: "Obinutuzumab with or without chlorambucil in chronic lymphocytic leukemia: The experience of the Hematology Department of IOCN". The Institute of Oncology "Prof. dr. Ion Chiricuta" days in May 2019, Cluj–Napoca, Romania;
- Poster presentation: "Obinutuzumab in chronic lymphocytic leukemia: outcome from a single Romanian regional Oncology Institute". The CLONE Summer School in June 2019, Halle, Germany;
- Speaker: Characteristics and therapeutic results in CLL patients –The experience of the Hematology Department of "Prof. dr. Ion Chiricuta" Institute of Oncology. The 13th National Congress of Clinical Hematology and Transfusion Medicine. September 29 – October 3, 2021, Sinaia, Romania
- Speaker: Problematika transfuziei în urgență. Congresul Interdisciplinar de Medicină de Urgență, 6–8 iulie 2022 Cluj–Napoca, România

- Speaker: Decitabina în doză mică – o opțiune terapeutică pentru pacienții unfit cu leucemie acută mieloidă. Romanian-Moldavian Workshop of Hematology and Transfusion Medicine, November 2024, Bucharest, Romania, October 31st – November 1st
- Poster presentation: "Blastic plasmacytoid dendritic cell neoplasm – is it really so rare?". 4th How to Diagnose and Treat Acute Leukaemias, March 1–3, 2024 – Stockholm, Sweden
- Poster presentation: '7+7' AZACITIDINE PLUS VENETOCLAX REGIMEN IN NEWLY DIAGNOSED ACUTE MYELOID LEUKEMIA -- A SINGLE CENTER EXPERIENCE, MANDELIEU – LA NAPOULE, FRANCE, FEBRUARY 27 – MARCH 1, 2026
- Speaker: Experienta Centrului de Transplant Cluj-Napoca. Al X-lea Congres al Societății Române de Transplant Medular, Bucuresti, 21 – 23 of May, 2026

HONOURS AND AWARDS

Honours and awards

- Awarded with a scholarship to attend to "CLONE – Clinical Trials in Oncology in the New Era of Omics, Big Data, and Modeling" – Summer School, June 24–28, 2019 – Halle, Germany
- Awarded with a scholarship to attend to ESH International Conference: "Immune and Cellular Therapies: Focus on Immune Based Therapeutic Concepts", September 20–22, 2019 – Mandelieu, France
- Awarded with a scholarship to attend to ESH International Conference: "2nd How to Diagnose and Treat Acute Leukaemia", March 13–15, 2020 – Budapest, Hungary
- Awarded with a scholarship funded by ESF through POCU MEN, based on the "Academy of Entrepreneurs in Medicine"–ACAMed Project, October 2020– Cluj-Napoca, România

NETWORKS AND MEMBERSHIPS

Memberships

- European Hematology Association
- European Research Initiative on CLL

JOB-RELATED SKILLS

Job-related skills

- The ability to carefully analyse test results and information gathered during examinations, to properly diagnose illnesses and disease
- Patience and empathy regarding the patients

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Good communication skills
- The ability to adapt in a cross-cultural setting

LISTA LUCRARI

- 1 Are Community Acquired Respiratory Viral Infections an Underestimated Burden in Hematology Patients? -Popescu, Cristian-Marian; Ursache, Aurora Livia; Feketea, Gavriela; Bocsan, Corina; Jimbu, Laura; Mesaros, Oana; Edwards, Michael; Wang, Hongwei; Berceanu, Iulia; Neaga, Alexandra; Zdrenghia, Mihnea; Microorganisms. 2019 Nov 2;7(11):521
- 2 Macrophage Polarization in Chronic Lymphocytic Leukemia: Nurse-Like Cells Are the Caretakers of Leukemic Cells. Mesaros, Oana; Jimbu, Laura; Neaga, Alexandra; Popescu, Cristian; Berceanu, Iulia; Tomuleasa, Ciprian; Fetica, Bogdan; Zdrenghia, Mihnea; Biomedicines. 2020 Nov 19;8(11)
- 3 MicroRNAs Associated With a Good Prognosis of Acute Myeloid Leukemia and Their Effect on Macrophage Polarization. Neaga, Alexandra; Bagacean, Cristina; Tempescul, Adrian; Jimbu, Laura; Mesaros, Oana; Blag, Cristina; Tomuleasa, Ciprian; Bocsan, Corina; Gaman, Mihaela; Zdrenghia, Mihnea. Front Immunol .2021 Jan 15;11:582915.
- 4 Is There a Place for PD-1/PD-L Blockade in Acute Myeloid Leukemia? -Jimbu, Laura; Mesaros, Oana; Popescu, Cristian; Neaga, Alexandra; Berceanu, Iulia; Dima, Delia; Gaman, Mihaela; Zdrenghia, Mihnea. Pharmaceuticals (Basel). 2021 Mar 24;14(4):288.
- 5 Why Do Children with Acute Lymphoblastic Leukemia Fare Better Than Adults?- Neaga, Alexandra; Jimbu, Laura; Mesaros, Oana; Bota, Madalina; Lazar, Diana; Cainap, Simona; Blag, Cristina; Zdrenghia, Mihnea; Cancers (Basel). 2021 Aug 2;13(15):3886.
- 6 The Potential Advantage of Targeting Both PD-L1/PD-L2/PD-1 and IL-10-IL-10R Pathways in Acute Myeloid Leukemia. Jimbu, Laura; Mesaros, Oana; Neaga, Alexandra; Nanut, Ana Maria; Tomuleasa, Ciprian; Dima, Delia; Bocsan, Corina; Zdrenghia, Mihnea. Pharmaceuticals (Basel) . 2021 Oct 29;14(11):1105
- 7 A Survival Analysis of Acute Myeloid Leukemia Patients Treated With Intensive Chemotherapy: A Single Center Experience. Jimbu, Laura; Vaneanu, Madalina; Adrian, Trifa; Mesaros, Oana; Bojan, Anca; Dima, Delia; Parvu, Andrada; Rus, Ioana C.; Tomuleasa, Ciprian; Torok, Tunde; Urian, Laura; Vasilache, Anca; Zdrenghia, Mihnea. Cureus . 2023 Aug 20;15(8):e43794.
- 8 Dysregulated MicroRNAs in Chronic Lymphocytic Leukemia. Mesaros, Oana; Veres, Stefana; Onciul, Madalina; Matei, Emilia; Jimbu, Laura; Neaga, Alexandra; Zdrenghia, Mihnea. Cureus . 2024 Sep 6;16(9):e68770.
- 9 Macrophages as Potential Therapeutic Targets in Acute Myeloid Leukemia.Mesaros, Oana; Onciul, Madalina; Matei, Emilia; Joldes, Corina; Jimbu, Laura; Neaga, Alexandra; Serban, Oana; Zdrenghia, Mihnea; Nanut, Ana Maria. Biomedicines. 2024 Oct 11;12(10):2306.
- 10 Integrating venetoclax-based targeted and/or immune therapies for chronic lymphocytic leukemia. Kegyes, David; Muresan, Ximena; Bancos, Anamaria; Mesaros, Oana; Tigu, Adrian Bogdan; Borlea, Bogdan; Gulei, Diana; Bumbea, Horia; Buruiana, Sanda; Zdrenghia, Mihnea; Tanase, Alina; Croce, Carlo M.; Tomuleasa, Ciprian. Crit Rev Oncol Hematol. 2026 Jun;222:105267.

Lista carti/capitole publicate

Andrei Balan, Laura Jimbu, Vlad Alexandru Manolescu, **Oana Mesaros**, Monica Muntean, Cristina Tiple, Sebastian Tranca, Renata Zahu, Mihnea Tudor Zdrenghea (2023). Abordarea urgentelor la pacientul oncologic. Cluj-Napoca. Editura Casa Cărții de Știință:

- Capitolul 1, subcapitol 1.3: Reacții transfuzionale
- Capitolul 2, subcapitol 2.11: Coagularea intravasculară diseminată