



Cătălin-Sorin Constantinescu

Work : Romania

Email: [REDACTED]

Gender: Male **Date of birth:** 15/12/1989 **Nationality:** Romanian

ABOUT ME

or constantinescu.catalin@umfcluj.ro

WORK EXPERIENCE

[01/06/2021 – Current]

Consultant in Anesthesia and Intensive Care

Emergency Clinical County Hospital

City: Cluj-Napoca

Country: Romania

- Anesthesia Activity: Anesthesia in trauma and emergency situations, general, neuraxial anesthesia
- Activity in the Intensive Care Unit: support vital functions in patients with multiorgan failure, cardio-respiratory resuscitation, treatment and monitoring of patients with mechanical ventilation, techniques of extrarenal purification (continuous hemodiafiltration, plasmapheresis)
- Analgo-sedation techniques for interventional procedures (digestive endoscopies, techniques interventional cardiology)

[01/01/2020 – Current]

Assistant Lecturer - ATI II Department

Universitatea de Medicina si Farmacie „Iuliu Hatieganu” Cluj-Napoca

- Anesthesia Activity: Anesthesia in trauma and emergency situations, general, neuraxial anesthesia
- Activity in the Intensive Care Unit: support vital functions in patients with multiorgan failure, cardio-respiratory resuscitation, treatment and monitoring of patients with mechanical ventilation, techniques of extrarenal purification (continuous hemodiafiltration, plasmapheresis)
- Analgo-sedation techniques for interventional procedures (digestive endoscopies, techniques interventional cardiology)
- Training of residents and students.

[01/01/2021 – 31/05/2021]

Consultant in Anesthesia and Intensive Care

Infectious Diseases Hospital

City: Cluj-Napoca

Country: Romania

- Intensive care unit activity: Care of the critical patient with COVID-19 infection

[01/01/2016 – 31/12/2020]

Training fellow in Anesthesia and Intensive Care

Regional Institute of Gastroenterology and Hepatology

City: Cluj-Napoca

Country: Romania

Emergency County Clinical Hospital, Cluj-Napoca (Romania)
- Anesthesia Activity: Anesthesia in trauma and emergency situations, general, neuraxial anesthesia
- Activity in the Intensive Care Unit: support vital functions in patients with multiorgan failure, cardio-respiratory resuscitation, treatment and monitoring of patients with mechanical ventilation, techniques of extrarenal purification (continuous hemodiafiltration, plasmapheresis)
- Analgo-sedation techniques for interventional procedures (digestive endoscopies, techniques interventional cardiology)

EDUCATION AND TRAINING

[01/10/2018 – 28/11/2022]

PhD - Management of critically ill patients with hematologic malignancies after immunotherapy and hematopoietic stem cell transplantation

Universitatea de Medicină și Farmacie, "Iuliu Hatieganu" Cluj-Napoca

[2022]

Diplomate of the European Society of Anaesthesiology and Intensive Care

ESAIC

[03/01/2010 – Current]

Activity SMURD (prehospital ambulance service)

Paramedic SMURD - 2010-2015
Medic in formare SMURD - 2015-2018
Medic SMURD 2018 - prezent

[09/05/2022 – 15/05/2022]

Exchange Programme - Liege

Main areas/professional skills covered:
Internship - University of Liège
Project: Consolidating Wallonia - Romania collaboration for the establishment of new Standard Operation Procedures (SOPs) in immunotherapy

[01/09/2021 – 05/09/2021]

Exchange Programme - Iceland

Main areas/professional skills covered:
International training at Reykjavik University.
Participation through the HE-RO-IS strategic cooperation in hematology project – HERO

[2020 – 2021]

ACAMED - Academia Cercetătorilor Antreprenori în Medicină

Main areas/professional skills covered:
Doctoral scholarship

[15/10/2019 – 23/10/2019]

Exchange Programme - Beijing

Main areas/professional skills covered:
Visiting physician - Department of Anesthesia and Intensive Care Navy General Hospital Beijing
Stem cell transplantation in hematological malignancies.

[29/07/2021 – 11/08/2021]

Project manager diploma

SC TRAINIFIQUE SRL

[08/2013]

Proiectul USAR'13, Bergen-Hohne, Germania

Organizarea atelierului de prim ajutor

[10/2009 – 06/2015]

Bachelor's degree

Faculty of Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca

[09/2005 – 06/2009]

High school diploma

Theoretical High School "Avram Iancu" Cluj-Napoca

[09/1997 – 06/2005]

Classes I-VIII

"Ioan Bob" General School

[2018]

Erasmus Exchange Programme - Wurzburg, Germany

University of Medicine and Pharmacy, "Iuliu Hatieganu", Cluj-Napoca

Main areas/professional skills covered:

Clinical training intensive care unit Universitätsklinikum Wurzburg, Germany

Intensive care of the critically ill patient with hematological pathology.

LANGUAGE SKILLS

Mother tongue(s): Română

Other language(s):

French

LISTENING C1 READING B2 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B2

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

PUBLICATIONS

Publicații

1

1) Constantinescu C, Bodolea C, Pasca S, Teodorescu P, Dima D, Rus I, Tat T, Achimas-Cadariu

P, Tanase A, Tomuleasa C, Einsele H. Clinical Approach to the Patient in Critical State Following Immunotherapy and/or Stem Cell Transplantation: Guideline for the On-Call Physician. J Clin Med. 2019 Jun 20;8(6). ISI Factor de impact - 3.303

2) Constantinescu C, Pasca S, Tat T, Teodorescu P, Vlad C, Iluta S, Dima D, Tomescu D, Scarlatescu E, Tanase A, Sigurjonsson OE, Colita A, Einsele H, Tomuleasa C. Continuous renal

replacement therapy in cytokine release syndrome following immunotherapy or cellular therapies?. J Immunother Cancer. 2020 May;8(1):e000742. ISI Factor de impact – 13.751

3) Constantinescu C, Pasca S, Zimta AA, Tat T, Rus I, Teodorescu P, Iluta S, Tanase A, Colita A,

Sigurjonsson O, Einsele H, Tomuleasa C. Overview of the Side-Effects of FDA- and/or EMAApproved

Targeted Therapies for the Treatment of Hematological Malignancies. J Clin Med.

2020 Sep 8;9(9):2903. ISI Factor de impact – 4.242.

4) Constantinescu C, Jitaru C, Pasca S, Dima D, Dirzu N, Coriu D, Zdziarska J, Ghiaur G, Mahlangu J, Tomuleasa C. Unexplained hemorrhagic syndrome? Consider acquired hemophilia A or B. *Blood Rev.* 2021 Nov 10:100907. ISI Factor de impact – 10.626

5) Constantinescu C, Pasca S, Iluta S, Gafencu G, Santa M, Jitaru C, Teodorescu P, Dima D, Zdrenghea M, Tomuleasa C. The Predictive Role of Modified Early Warning Score in 174 Hematological Patients at the Point of Transfer to the Intensive Care Unit. *J Clin Med.* 2021

Oct 18;10(20):4766. ISI Factor de impact – 4.964

6) Constantinescu C, Petrushev B, Rus I, Stefanescu H, Frasinariu O, Margarit S, Dima D, Tomuleasa C. Mechanistic Insights in Hemophagocytic Lymphohistiocytosis: Subsequent Acute Hepatic Failure in a Multiple Myeloma Patient Following Therapy with Ixazomib-Lenalidomide-Dexamethasone. *J Pers Med.* 2022 Apr 23;12(5):678. ISI Factor de impact – 3.50

8

7) Kegyes D, Constantinescu C, Vrancken L, Rasche L, Gregoire C, Tigu B, Gulei D, Dima D, Tanase A, Einsele H, Ciurea S, Tomuleasa C, Caers J. Patient selection for CAR T or BiTE therapy in multiple myeloma: Which treatment for each patient?. *J Hematol Oncol.* 2022 Jun

7;15(1):78. ISI Factor de impact – 23.168

8) Approach to the Adult Acute Lymphoblastic Leukemia Patient. Sas V, Moisoiu V, Teodorescu P,

Tranca S, Pop L, Iluta S, Pasca S, Blag C, Man S, Roman A, Constantinescu C, Rus I, Buse M, Fetica B,

Marian M, Selicean C, Berindan-Neagoe I, Petrushev B, Bumbea H, Tanase A, Zdrenghea M, Fuji S,

Kitano S, Tomuleasa C; Romanian-Japanese Working Group of the Romanian Society for Bone

Marrow Transplantation. *J Clin Med.* 2019 Aug 6;8(8).

9) The performance of ultrasound-based quantification of the hyomental distance ratio in predicting difficult airway in anaesthesia: A STARD-compliant prospective diagnostic study. Petrişor

C, Szabo R, Constantinescu C, Prie A, Trancă S, Hagău N. *Eur J Anaesthesiol.* 2018 Aug

2

10) Ultrasound-based assessment of hyomental distances in neutral, ramped, and maximum

hyperextended positions, and derived ratios, for the prediction of difficult airway in the obese

population: a pilot diagnostic accuracy study. Petrisor C, Szabo R, Constantinescu C, Prie A, Hagau

N. *Anaesthesiol Intensive Ther.* 2018

11) Chimeric Antigen Receptor T-Cells for the Treatment of B-Cell Acute Lymphoblastic Leukemia.

Tomuleasa C, Fuji S, Berce C, Onaciu A, Chira S, Petrushev B, Micu WT, Moisoiu V, Osan C,

Constantinescu C, Pasca S, Jurj A, Pop L, Berindan-Neagoe I, Dima D, Kitano S. *Front Immunol.* 2018

Feb

12) Genetically enhanced T lymphocytes and the intensive care unit. Tat T, Li H, Constantinescu

CS, Onaciu A, Chira S, Osan C, Pasca S, Petrushev B, Moisoiu V, Micu WT, Berce C, Tranca

S, Dima D, Berindan-Neagoe I, Shen J, Tomuleasa C, Qian L. *Oncotarget.* 2018 Mar 27

13) Day 15 and Day 33 Minimal Residual Disease Assessment for Acute Lymphoblastic Leukemia

Patients Treated According to the BFM ALL IC 2009 Protocol: Single-Center Experience of 133 Cases.

Radu LE, Colita A, Pasca S, Tomuleasa C, Popa C, Serban C, Gheorghe A, Serbanica A, Jercan C,

Marcu A, Bica A, Teodorescu P, Constantinescu C, Petrushev B, Asan M, Jordan C, Dragomir M,

Tanase A, Colita A. *Front Oncol.* 2020 Jun 30;10:923. doi: 10.3389/fonc.2020.00923. eCollection 2020.

14) A modified ultrasound-guided supraclavicular brachial plexus block for the operative fixation of

the humerus head and shaft fractures. Onutu AH, Retegan E, Catalin C, Iohom G. *Med Ultrason.*

2020 Nov 18;22(4):498-499. doi: 10.11152/mu-2790.

15) Let's Talk About BiTEs and Other Drugs in the Real-Life Setting for B-Cell Acute Lymphoblastic

Leukemia. Deak D, Pop C, Zimta AA, Jurj A, Ghiaur A, Pasca S, Teodorescu P, Dascalescu A, Antohe I,

Ionescu B, Constantinescu C, Onaciu A, Munteanu R, Berindan-Neagoe I, Petrushev B, Turcas C,

Iluta S, Selicean C, Zdrenghea M, Tanase A, Danaila C, Colita A, Colita A, Dima D, Coriu D, Einsele H,

Tomuleasa C. *Front Immunol.* 2019 Dec 20;10:2856. doi: 10.3389/fimmu.2019.02856. eCollection

2019.

16) B Cells versus T Cells in the Tumor Microenvironment of Malignant Lymphomas. Are the

Lymphocytes Playing the Roles of Muhammad Ali versus George Foreman in Zaire 1974? Desmirean

M, Rauch S, Jurj A, Pasca S, Iluta S, Teodorescu P, Berce C, Zimta AA, Turcas C, Tigu AB, Moldovan C,

Paris I, Steinheber J, Richlitzki C, Constantinescu C, Sigurjonsson OE, Dima D, Petrushev B, Tomuleasa C. *J Clin Med.* 2020 Oct 24;9(11):3412. doi: 10.3390/jcm9113412.

17) The Influence of Methylating Mutations on Acute Myeloid Leukemia: Preliminary Analysis on 56

Patients. Pasca S, Turcas C, Jurj A, Teodorescu P, Iluta S, Hotea I, Bojan A, Selicean C, Fetica B,

Petrushev B, Moisoiu V, Zimta AA, Sas V, Constantinescu C, Zdrenghea M, Dima D, Tomuleasa

C. *Diagnostics (Basel).* 2020 Apr 29;10(5):263. doi: 10.3390/diagnostics10050263.

18) A narrative review of central nervous system involvement in acute leukemias. Deak D, Gorcea-

Andronic N, Sas V, Teodorescu P, Constantinescu C, Iluta S, Pasca S, Hotea I, Turcas C, Moisoiu V,

Zimta AA, Galdean S, Steinheber J, Rus I, Rauch S, Richlitzki C, Munteanu R, Jurj A, Petrushev B,

Selicean C, Marian M, Soritau O, Andries A, Roman A, Dima D, Tanase A, Sigurjonsson O, Tomuleasa

C. Ann Transl Med. 2021 Jan;9(1):68. doi: 10.21037/atm-20-3140. Add a description here...

CONFERENCES AND SEMINARS

Conferințe și seminare

- 1) Borderless Biomedical Meeting, perioada 11-12.12.2020, Cluj-Napoca
- 2) Congresul Interdisciplinar de Medicină de Urgență, perioada 03-05.07.2019, Cluj-Napoca
- 3) Medicina si Terapie Intensiva Perioperatorie, perioada 19-22.06.2019, locul Cluj-Napoca
- 4) Congresul Național al Societății Române de Transplant Medular, perioada 9-11.05.2019, București
- 5) Rolul medicului curant/prescriptor în asigurarea securității transfuzionale, 15-17.03.2019, Cluj-Napoca
- 6) Rolul ecografiei în tehnicile analgetice aplicate pacientului oncologic, 18-21.10.2018, Cluj-Napoca
- 7) Medicina si Terapie Intensiva Perioperatorie, perioada 21-23.06.2018, locul Cluj-Napoca;
- 8) Simpozionul National de Nutritie Clinica, perioada 3-5.11.2017, locul Poiana Brasov;
- 9) Cursul National de Ghiduri si Protocoale in Anestezie, Terapie Intensiva și Medicina de Urgenta, perioada 28-30.09.2017, Timisoara;
- 10) Medicina si Terapie Intensiva Perioperatorie, perioada 22-24.06.2017, Cluj-Napoca;
- 11) Cursul National de Ghiduri si Protocoale in Anestezie, Terapie Intensiva și Medicina de Urgenta, perioada 22-24.09.2016, Timisoara