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Mădălina ANCIUC-CRAUCIUC

Nationality: Romanian **Email address:** madalina.anciuc@umfst.ro

WORK EXPERIENCE

University of Medicine, Pharmacy, Science and Technology "George Emil Palade" Târgu Mureş – Târgu Mureș, Romania

City: Târgu Mureș | **Country:** Romania

Assistant professor

[13/02/2023 – Current]

Department: Pediatrics, ME2

Emergency Clinical County Hospital of Targu Mures | Neonatology Department – Targu Mures, Romania

City: Targu Mures | **Country:** Romania

Neonatologist

[01/05/2024 – Current]

Clinical County Hospital Mureș – Târgu Mureș, Romania

Address: Bernády György Square, no. 6, 540072 Târgu Mureș (Romania) | **Website:** https://spitaljudeteanmures.ro/ | **Name of unit or department:** Neonatology Department - Preterms

Neonatologist

[01/08/2022 – 30/04/2025]

Emergency Clinical County Hospital of Târgu Mureș – Târgu Mureș, Romania

City: Târgu Mureș | **Country:** Romania

Neonatologist

[01/02/2022 – 01/05/2024]

Emergency Clinical County Hospital of Târgu Mureș – Târgu Mureș, Romania

City: Târgu Mureș | **Country:** Romania

Resident doctor

[01/01/2022 – Current]

Public Health and Management residency

Advanced Medical and Pharmaceutical Research Center UMFST Tg. Mureș – Târgu Mureș, Romania

Address: Gheorghe Marinescu 38, 540142 Târgu Mureș (Romania) | **Website:** https://www.umfst.ro/home.html | **Name of unit or department:** BIOMOL Laboratory

Molecular diagnostic testing of COVID-19

[03/2020 – 07/2020]

Real-time reverse transcription polymerase chain reaction (rRT-PCR) test for the qualitative detection of nucleic acid from SARS-CoV-2 in upper and lower respiratory specimens collected from individuals suspected of COVID-19 by their healthcare provider.

Emergency Clinical County Hospital of Târgu Mureș – Târgu Mureș, Romania

Address: Dr. Gh. Marinescu street no. 50, 540136 Târgu Mureș (Romania) | **Website:** https://www.spitalmures.ro/ | **Name of unit or department:** Neonatology Clinic Department

Neonatology resident doctor

[03/01/2017 – 31/12/2021]

EDUCATION AND TRAINING

Point of Care Echocardiography in the Neonate (POCUS) Training

Neonatology Dept., Clinical County Emergency Hospital Sibiu [16/09/2024 – 22/09/2024]

City: Sibiu | **Country:** Romania | **Website:** www.neoechosim.com

Course organizers:
Rangasamy Ramanathan, MD
Mahmood "Mac" Ebrahimi, RDCS
Sajeev Jov, MBBS, MRCPCH, MBA

Doctoral Studies

U.M.F.S.T. "George Emil Palade" Târgu Mureş [10/2019 – 30/09/2025]

Address: Gheorghe Marinescu 38, 540142 Târgu Mureș (Romania) | **Field(s) of study:** Doctoral School of Medicine and Pharmacy of U.M.F.S.T. "George Emil Palade" Târgu Mureş | **Thesis:** ABCA3, SPFTB, SPFTC genes variants study involved in surfactant synthesis in newborns with respiratory distress syndrome

Master degree

University of Medicine, Pharmacy, Science and Technology "George Emil Palade" Târgu Mureş [01/10/2017 – 09/2018]

Address: Gheorghe Marinescu 38, 540142 Târgu Mureș (Romania) | **Field(s) of study:** Medical-Pharmaceutical Advanced Scientific Research | **Thesis:** The influence of maternal lifestyle and glutathione transferase gene polymorphism in the occurrence of congenital cardiac septal defects in newborns

Medical Board Certification

Emergency Clinical County Hospital of Târgu Mureș [01/01/2017 – 31/12/2021]

Address: Gheorghe Marinescu 50, 540136 Târgu Mureș (Romania) | **Field(s) of study:** Neonatology physician

Bachelor's Degrees in Medicine

University of Medicine and Pharmacy of Târgu Mureș [01/10/2010 – 17/06/2016]

Address: Gheorghe Marinescu 38, 540142 Târgu Mureș (Romania) | **Website:** https://www.umfst.ro/home.html | **Field(s) of study:** Faculty of Medicine, Department of General Medicine

Certificate of Bacalaureat

"Grigore Moisil" College [15/09/2006 – 15/06/2010]

Address: 1848 street, no. 7 , Tulcea (Romania) | **Website:** https://liceulmoisil.ro/ | **Field(s) of study:** Mathematics-Informatics

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Italian

LISTENING B1 **READING** B1 **WRITING** A2

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** A2

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

PROJECTS

[10/2020 – Current]

Capillary electrophoresis analysis of changes in ABCA3 and SFTPC genes – involved in surfactant synthesis in newborn with respiratory distress syndrome Individual grant for scientific research - U.M.F.S.T. Târgu MureșContract de finanțare: nr. 10/27/20 / 17.12.2020

[17/02/2021 – Current]

Development of an integrative polygenic score for predicting the prognosis of patients with acute myeloid leukemia using complex genomic approaches Project Won Through National Competition – Team Member in the ProjectP4: Fundamental and Frontier Research | Exploratory Research Projects (PCE)Project Code: PN-III-P4-ID-PCE-2020-1928, Contract No. 72/2021**Project Director:** Claudia Banescu - UMFST GE Palade Tg. Mureș**Individual Employment Contract:** 6573/16.12.2021

Link: https://www.umfst.ro/universitate/cercetare/departament-proiecte-europene/proiecte/cercetare/fonduri-nationale/uefiscdi/pn-iii-p4-id-pce-2020-1928-banescu-claudia.html

SKILLS

Microsoft Office / Microsoft Word / Microsoft Excel / Microsoft Powerpoint / Google Docs

HONOURS AND AWARDS

[27/09/2025] Asociația de Neonatologie din România

Honorable Mention Award Conferința Națională de Neonatologie - "Challenges in the diagnosis and multidisciplinary care of a neonate with Pontocerebellar Hypoplasia Type 1B: Clinical, Genetic, and Social Perspectives"

[26/10/2024] Asociația de Neonatologie din România

1st Place Conferința Națională de Neonatologie - "Challenges of molecular diagnostic testing for neonatal respiratory distress syndrome in the age of next-generation sequencing and row-resource setting".

[08/10/2020] "George Emil Palade" U.M.F.S.T. Târgu Mureș

University Excellence Scholarship University Excellence Scholarship within the Advanced Medical and Pharmaceutical Research Center UMFST Tg. Mureș- BIOMOL Molecular Biology Laboratory for 2 years.

UEFISCDI

Reward of research results – articles / UEFISCDI PRECIS 2020 PN-III-P1-1.1-PRECISI-2020-52448. Significant Associations between AXIN1 rs1805105, rs12921862, rs370681 Haplotypes and Variant Genotypes of AXIN2 rs2240308 with Risk of Congenital Heart Defects.

ERASMUS EXCHANGE PROGRAM

[02/2015 – 07/2015]
Universita Degli Studi di Parma, Italy

ERASMUS+ Student Mobility for Traineeship Programee 2014/2015

[08/2015 – 09/2015]
Akdeniz University, Antalya, Turkey

VOLUNTEERING

[2021 – Current] "GEORGE E. PALADE " University of Medicine, Pharmacy, Science and Technology of Târgu Mureș
MEMBER OF DOCTORAL SCHOOL COUNSIL OF MEDICINE AND PHARMACY

[2017 – 2019] YUPPI CAMP
MEDICAL ASSISTANCE
Camp for teenagers with diabetes; located in Șăulia, Mureș, Romania

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B1

Driving Licence: B

MANAGEMENT AND LEADERSHIP SKILLS

Director of the Press Division of the The National Alliance of Student Organizations in Romania

2013-2014

Vice President for External Affairs - Students' League from Târgu Mureș

2013 - 2014

Coordinator of Science Department at the International Congress for Students, Young Physicians and Pharmacists – "MARISIENSIS", 18th edition, Tîrgu Mureș

2013 - 2014; 2016

Coordinator of the Organizing Committee - MEDIFUN Student Festival

2013

Coordinator of Department of Public Health and Humanitarian Activities - Students' League of Târgu Mureș

2011 - 2013

President of Tulcea County Council of Students

2008 - 2010

COMMUNICATION AND INTERPERSONAL SKILLS

Teamwork and interpersonal skills

- good comunication skills gained through my experience as VicePresident for External Affairs at the Students' League of Targu-Mures.
- teamwork skills gained through my experience as Coordinator of Public Health Department - Students' League of Targu-Mures.
- adaptation skills gained through my experience during the Erasmus Exchange Program, Universita Degli Studi di Parma, Italy and Akdeniz University, Antalya, Turkey