



CURRICULUM VITAE

Personal details:

Name, Surname: Muntean Carmen

Academic Title: Professor, MD, PhD

Department: M2

Institutional e-mail: carmen.duicu@umfst.ro

Professional Activity

Specialty: Consultant in Pediatrics/ Pediatric Nephrology

Medical Unit/Hospital: Emergency County Hospital Târgu Mureș, România- Pediatric Clinic

Areas of interest (maximum 5 domains):

Pediatric nephrology: biomarkers and the risk of renal scars secondary to urinary tract infection, challenges and prognostic factors in the evolution of renal malformations and UTI, glomerulopathies, Genetics of pediatric diseases (especially in kidney disorders),

ORCID number: <https://orcid.org/0000-0002-8056-1339>

Research activity:

1. Research projects (maximum 3 projects)

1. "Variations in DNA Repair Function and Abnormal miRNA Expression as a Key Element in the Onset and Poor Prognosis of Myeloid Malignant Hemopathies" Internal Competition for Scientific Research Grants – 2017, Complex Scientific Research Projects – Research Teams; contract no. 15609/13/29.12.2017
2. "The Impact of ACE, NPHS2, and WT1 Gene Mutations on the Diagnosis and Therapeutic Approach for Children with Nephrotic Syndrome" Contract no. 29/09.12.2013, December 2013 – June 2015
3. "Secondary Hypertension in Children" Leading Institution: University of Medicine and Pharmacy Târgu Mureș, PN2 – Research Project for Young PhD Students – CNCSIS code 353, contract no. 17/09/2008, conducted between 09.2008–06.2010

2. Articles published in extenso (maximum 5 articles)

1. Muntean C, Chirtes C, Baczoni B, Banescu C. PAX2 Gene Mutation in Pediatric Renal Disorders-A Narrative Review. Int J Mol Sci. 2023 ;24(16):12737. <https://doi.org/10.3390/ijms241612737>





2. **Muntean C**, Starcea IM, Stoica C, Banescu C. Clinical Characteristics, Renal Involvement, and Therapeutic Options of Pediatric Patients With Fabry Disease [published correction appears in *Front Pediatr.* 2022;10:1045199]. *Front Pediatr.* 2022;10:908657; DOI: 10.3389/fped.2022.908657
3. **Muntean C**, Starcea IM, Banescu C. Diabetic kidney disease in pediatric patients: A current review. *World J Diabetes.* 2022 ;13(8):587-599. doi: 10.4239/wjd.v13.i8.587.<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9412860/>
4. **Muntean C**, Săsăran M. Vitamin D Status and Its Role in First-Time and Recurrent Urinary Tract Infections in Children: A Case-Control Study. *Children* **2021**, 8, 419. <https://doi.org/10.3390/children8050419>
5. **Duicu C**, Kiss E, Simu I, Aldea C. A Rare Case of Double-System With Ectopic Ureteral Openings Into Vagina. *Front Pediatr.* 2018 Jun 19;6:176. , ISSN 2296-2360

