



CURRICULUM VITAE

Personal details:

Name, Surname: **RĂCEAN MARIA-ANDREEA**

Academic Title: University assistant

Department: ME2, Pediatrics IV

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Areas of interest (maximum 5 domains):

1. Inflammatory status and cerebral hemodynamics in early-onset neonatal sepsis
2. Prematurity and complications associated with prematurity

Research activity:

1. Research projects (maximum 3 projects)
 1. Curriculum development for up-skilling specialist nurses and advanced practice nurses
2. Articles published in extenso (maximum 5 articles)
 1. Răcean MA, Săsăran MO, Mărginean CO and Cucerea M (2025) Umbilical cord blood level of interleukins used as a predictor of early-onset neonatal sepsis: a comprehensive review. *Front. Cell. Infect. Microbiol.* 15:1518088. doi: 10.3389/fcimb.2025.1518088





2. Răcean MA, Cucerea M, Mărginean C, Gozar L. Fetal and neonatal diagnosis and management in a case of a neonate with congenital heart disease-A case report. *Revista Obstetrică și Ginecologia*, 2023; 2. DOI: 10.26416/Gine.41.3.2023.873
3. Cucerea, M.; Marian, R.; Simon, M.; Anciu-Crauciuc, M.; Racean, A.; Toth, A.; Simon-Szabó, Z.; Fadur, M.-G.; Moldovan, V.; Moldovan, E. Serum Biomarkers in Patent Ductus Arteriosus in Preterm Infants: A Narrative Review. *Biomedicines* 2025, 13, 670. <https://doi.org/10.3390/biomedicines13030670>
4. Cucerea M, Moscalu M, Ognean ML, Făgărășan A, Toma D, Marian R, Anciu-Crauciuc M, Răcean A, Gall Z, Simon M. Impact of Early Surfactant Administration on Ductus Arteriosus Assessed at 24 h in Preterm Neonates Less than 32 Weeks of Gestational Age. *Biomedicines*. 2024, 12(6), 1136; <https://doi.org/10.3390/biomedicines12061136>
5. Muntean M, Prelipcean I, Răcean MA, Cucerea M, Făgărășan A, David CT, Mărginean C, Suciu LM. Optimally Controlled Diabetes and Its Influence on Neonatal Outcomes at a Level II Center: A Study on Infants Born to Diabetic Mothers. *Medicina*, 2023; 59, 1768

