ALEXANDRA GAÁL KOVALČÍKOVÁ, MSc. PhD.

Personal info:
Date of birth: 8.12.1989; Place of birth: Prešov, Slovak republic; Nationality: Slovak;
Foreign Languages: English, German

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Professional curriculum vitae:
Education
2009 – 2012: BSc, Biology, Faculty of Natural Sciences, Comenius University, Bratislava, Slovakia

2012 – 2014: MSc, Department of Animal Physiology and Ethology, Faculty of Natural Sciences, Comenius University, Bratislava, Slovakia

2014 – 2018: PhD, Normal and Pathological Physiology, Institute of Molecular Biomedicine, Faculty of Medicine, Comenius University, Bratislava, Slovakia
(Dissertation thesis: Salivary markers of kidney disease)

Employment:
2018 – postdoc researcher, Department of Pediatrics, Faculty of Medicine, National Institute of Children's Diseases, Comenius University

Publication record:
SCI citations according to Web of Science (without self-citations): 196, H-index: 9
https://orcid.org/my-orcid?orcid=0000-0002-6914-7751

Awards:
Award of the Slovak Pediatric Society for the best publication in a foreign journal for 2020

2nd place for the best lecture at the 14th Slovak Pediatric Congress with international participation (2021)

Grants as Principal Investigator:

Comenius University Grants UK/56/2016: Saliva as a model of diagnostic fluid in an acute kidney injury.

Comenius University Grants UK/355/2017: The effect of adenine-enriched food on tubulointerstitial fibrosis in mice.

Grant of Ministry of Education, Science, Research and Sport of the Slovak Republic No. VEGA 1/0212/22: The role of extracellular DNA and neutrophil traps in urinary tract infection

Grants as Co-investigator:
APVV-18-0287 Non-invasive and previously unused markers of renal function: problems, causes, and opportunities.
APVV-15-0288 Salivary biomarkers: variability and its analysis in animal experiments and clinical studies.
VEGA 1/0234/18 Molecular mechanism of antimicrobial effect of steroids on uropathogenic bacteria.
VEGA 1/0613/17 Early diagnostics of osteoporosis in children and adolescents with anorexia nervosa.
Grant of Ministry of Health of the Slovak Republic 2018/36-LFUK-10 Innovative methods in diagnosis of skeletal dysplasia and premature osteoporosis in a pediatric population.

Research stay:

October 2015 - March 2016 Research stay, Institute of Clinical Pathology, Medical University, Vienna, financed by National Scholarship Programme for 6 months

Scientific qualification degree IIa (2021)

Teaching:
Basics of theoretical and experimental medicine (Faculty of Natural Sciences, Comenius University)

Supervisor of Students:

- Currently – tutoring 2 diploma students
- 2 successfully defended BSc. students
- 1 successfully defended MSc. student