

Projects Competition 2021
Medical Sciences
Young Scientist Projects (under 30 years of age)

LIST OF PROJECTS APPROVED FOR IMPLEMENTATION

Number	Title	Budget
02/M/MBM/N/21	Role of exosomes in patients with chronic rhinosinusitis	20 000.00
04/M/MBM/N/21	Assesment of the effect of a high-fat diet on the expression of the neuropeptide 26RFa and its GPR103 receptor in the heart of Sprague Dawley rats	20 000.00
06/M/MBM/N/21	MicroRNAs modulating the inflammatory-thrombotic process as new prognostic disease severity biomarkers in COVID-19 patients	19 940.00
09/M/MBM/N/21	Analysis of the expression of selected circulating microRNAs in patients with ischemic stroke of an unknown origin	19 990.00
10/M/MBM/N/21	New biomarkers of the severity of peripheral microcirculation disorders in systemic scleroderma	20 000.00
11/M/MBM/N/21	Effect of empagliflozin on the expression of circulating miRNAs associated with the development and progression of heart failure in patients after myocardial infarction	19 990.00
12/M/MBM/N/21	Randomized study evaluating the impact of the frequency of voice prosthesis replacement in patients after laryngectomy on complications related to its use, along with an analysis of the status of inflammatory cytokines, microflora and patient satisfaction	20 000.00
13/M/MBM/N/21	Assessment of the concentration of plasma-soluble indicators of peripheral blood T-cell depletion (sPD-1, sTim-3 and sLAG-3) in patients with chronic hepatitis C as potential diagnostic markers of immune system dysfunction	20 000.00
14/M/MBM/N/21	Assessment of monogenic mutations in patients with atypical gestational diabetes	19 950.00
15/M/MBM/N/21	Contactin-1 as a potential marker of asthma in the pediatric population	20 000.00
17/M/MBM/N/21	Assessment of endotypes of atopic dermatitis in children based on epidermal biomarkers obtained with the minimally invasive method of epidermal patch peeling	20 000.00
18/M/MBM/N/21	Assessment of the influence of NK cell migration disturbances in the pathogenesis of hemophagocytic lymphohistiocytosis	20 000.00
19/M/MBM/N/21	Influence of airborne dusts on the inflammation profile and remodeling of the respiratory epithelium in asthma, chronic obstructive pulmonary disease and in healthy people with use of spherical cultures	20 000.00
20/M/MBM/N/21	Preliminary study: Pathogenesis of hypertension - microRNA as the missing link in the development of hypertension in children	20 000.00
21/M/MBM/N/21	Assessment of the cellular response against SARS-CoV-2 in a group of patients with secondary immunodeficiency in hematological diseases after administration of two doses of the mRNA vaccine against COVID-19 (Comirnaty)	20 000.00
22/M/MBM/N/21	Selected markers of the epithelial-mesenchymal transition in colorectal cancer	20 000.00
23/M/MBM/N/21	Assessment of the immune response of MALT mucosa in patients after vaccination with available vaccines against SARS-CoV-2 and / or COVID-19 disease	20 000.00
25/M/MBM/N/21	Identification of estradiol-induced microRNAs in endometrial cancer cells	20 000.00