

Dutysheva Elizaveta

She has been working in the field of neurobiology since 2016. Since that she occupied a position of a junior researcher and a PhD student at the laboratory of cell protective mechanisms of Institute of Cytology RAS. During this time her research group headed by Doctor Vladimir Lazarev investigated the role of several proteins including glyceraldehyde 3-phosphate dehydrogenase (GAPDH) in pathogenesis of Huntington disease, Alzheimer`s disease and traumatic brain injury. Lately



her research work is concentrated on finding new therapeutic approaches for neurodegenerative diseases. Elizaveta discovered several potential compounds from collection of indolyl-derivatives that were synthesized by her colleagues from Ural Federal University and are currently entering preclinical trials. Lately Elizaveta is especially interested in molecular mechanisms of horizontal transport of pathogenic proteins and their effect on cellular signalling. All of the results were published in authoritative journals with Q1 such as European Journal of Medicinal Chemistry and Pharmaceuticals.