

ELENA A. PONOMARENKO

Affiliation Doctor of Biological Sciences
Director of the Institute of Biomedical
Chemistry (IBMC); Chief researcher in
the Laboratory of post-genomic data
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department



Place of birth Moscow

EDUCATION AND RESEARCH

Elena A. Ponomarenko graduated from the Russian State Medical University with a degree in Medical Cybernetics in 2005. She has got Ph.D in thesis on the topic «*Automatic text-mining analysis of PubMed papers for creation semantic networks of proteins*» in 2009. In 2017 Elena has defended Dc.S dissertation on the topic «*Transcriptome and proteome of human chromosome 18: extrapolation of the results of the analysis on the human genome and genomes of model objects*» (2017). Elena works in the field of postgenomic data processing (proteomics, metabolomics and text-mining). She is co-principal investigator in Russian part of International Chromosome-Centric Human Proteome. The most cited paper is «*The size of the human proteome: the width and depth*» (2016), which has been cited over 200 times.

ADMINISTRATIVE EXPERIENCE & CARRIER

Since Feb, 2020 Ponomarenko E.A. holds the position of Director of the Institute of Biomedical Chemistry (IBMC). Previously, she held the positions of Acting Director, as well as Deputy Director for Science. In 2011 Elena created a Laboratory of post-genomic data analysis in IBMC.

SCIENCE EXPERIENCE AND AWARDS

Elena A. Ponomarenko is a member of the Federal Register of Experts in the Scientific and Technical Sphere, is an international expert of the European Proteomic Association (EuPA) and the Human Proteome Organization (HUPO), an expert of the Russian Science Foundation (RSF) and an independent expert of the Sberbank Science Prize. Elena was awarded a diploma of the Russian Academy of Medical Sciences «For fruitful work in the development of medical science and healthcare» (2011), a medal «For contribution to the study of state policy in the field of scientific and technological development» (2021).