By analyzing data from more than 1.3 million cells, the model can identify gene expression patterns even in cell types it has not encountered before. This breakthrough could change our understanding of diseases such as cancer and genetic disorders.

AI was able to predict the consequences of mutations in childhood leukemia, showing how specific gene changes disrupt cell behavior. The system’s accuracy was confirmed by experimental results, making it a promising tool for studying unexplored areas of the genome, especially those related to cancer, scientists note.

News materials cannot be equated to a doctor’s appointment. Consult a specialist before making a decision.