

Dr Alexey Ryazanov

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Dr. Alexey Ryazanov is a Professor of Pharmacology at Rutgers Robert Wood Johnson Medical School.

Dr. Ryazanov identified phosphorylation of Elongation Factor 2 (eEF2) by eEF2 kinase as a mechanism of global protein synthesis regulation. This led to the discovery of alpha kinases, a family of atypical protein kinases which in addition to eEF2 kinase include channel-kinases TRPM6 and TRPM7 and an innate immunity receptor, alpha kinase-1 (ALPK1).

Currently his laboratory is investigating various alpha kinases and their role in intracellular signal transduction.

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