RECENT PUBLICATIONS OF THE RESEARCH GROUP

1. Gógl G, Biri-Kovács B, Póti ÁL, Vadászi H, Szeder B, Bodor A, Schlosser G, Ács A, Turiák L, Buday L, Alexa A, Nyitray L, Reményi A. **Dynamic control of RSK complexes by phosphoswitch-based regulation.** FEBS J. 2018 Jan;285(1):46-71
2. Mészáros B, Zeke A, Reményi A, Simon I, Dosztányi Z. **Systematic analysis of somatic mutations driving cancer: uncovering functional protein regions in disease development.** Biol Direct. 2016 May 5;11:23
3. Zeke A, Bastys T, Alexa A, Garai Á, Mészáros B, Kirsch K, Dosztányi Z, Kalinina OV, Reményi A. **Systematic discovery of linear binding motifs targeting an ancient protein interaction surface on MAP kinases.** Mol Syst Biol. 2015 Nov 3;11(11):837
4. Gógl G, Alexa A, Kiss B, Katona G, Kovács M, Bodor A, Reményi A, Nyitray L. **Structural Basis of Ribosomal S6 Kinase 1 (RSK1) Inhibition by S100B Protein: MODULATION OF THE EXTRACELLULAR SIGNAL-REGULATED KINASE (ERK) SIGNALING CASCADE IN A CALCIUM-DEPENDENT WAY.** J Biol Chem. 2016 Jan 1;291(1):11-27
5. Alexa A, Gógl G, Glatz G, Garai Á, Zeke A, Varga J, Dudás E, Jeszenői N, Bodor A, Hetényi C, Reményi A. **Structural assembly of the signaling competent ERK2-RSK1 heterodimeric protein kinase complex.** Proc Natl Acad Sci U S A. 2015 Mar 3;112(9):2711-6