

2. Wykaz znaczących publikacji wnioskodawcy/ zespołu z ostatnich 3 lat

1. Ostrowski J, Kawata Y, Schullery DS., Denisenko ON, Bomsztyk K. Transient recruitment of the hnRNP K protein to inducibly transcribed gene loci. *Nucleic Acid Res* 2003; 31: 1-9 **(IF-6.37)**
2. Ostrowski J, Wocial T, Skurzak H, Bartnik W. Do altering in ornithine decarboxylase activity and gene expression contribute to antiproliferative properties of COX inhibitors? *Br J Cancer* 2003; 88: 1143-51 **(IF-3.94)**
3. Evans JR, Mitchell SA, Spriggs KA, Ostrowski J, Bomsztyk K, Ostarek D, Willis AE. Members of the poly (rC) binding protein family stimulate the activity of the c-myc internal ribosome entry segment *in vitro* and *in vivo*. *Oncogene* 2003; 22: 6068-6076 **(IF-6.74)**
4. Ostrowski, J, Bomsztyk K. Nuclear shift of hnRNP K protein in neoplasms and other states of enhanced cell proliferation. *Br J Cancer* 2003; 89: 1493-1501 **(IF-3.94)**
5. Bomsztyk K, Denisenko O, Ostrowski J. hnRNP K: One protein multiple processes. *Bioessays*. 2004; 26:629-638 **(IF- 8.31)**
6. Klimek-Tomczak K, Wyrwicz LS, Jain S, Bomsztyk K, Ostrowski J. Characterization of hnRNP K protein-RNA interactions. *J Mol Biol*. 2004;342:1131-1141 **(IF-5.83)**
7. Ostrowski J, Klimek-Tomczak K, Wyrwicz LS, Mikula M, Schullery DS, Bomsztyk K. Heterogeneous nuclear ribonucleoprotein K enhances insulin-induced expression of mitochondria UCP2 protein. *J Biol Chem*. 2004;279:54599-54609 **(IF-7.26)**
8. Paziewska A, Wyrwicz LS, Bujnicki JM, Bomsztyk K, Ostrowski J. Cooperative binding of the hnRNP K three KH domains to mRNA targets. *FEES Lett*. 2004;577:134-140 **(IF-3.64)**
9. Skubis-Zegadlo J, Nikodemaska A, Przytula E, Mikula M, Bardadin K, OstrowSW, Wenzel BE, Czarnooka B. Expression of pendrin in benign and malignant human thyroid tissues. *Br J Cancer*. 2005;93:144-51 **(IF-3.94)**
10. Mikula M, Dzwonek A, Hennig EE, Ostrowski J. Increased mitochondria gene expression during L6 cell myogenesis is accelerated by insulin. *Int J Biochem Cell Biol*. 2005; 37:1815-1828 **(IF-3.26)**
11. Klimek-Tomczak K, Mikula M Dzwonek A, Paziewska A, Karczmarski J, Hennig E, Bujnicki JM, Bragośzewski P, Denisenko O, Bomsztyk K, Ostrowski J. Editing of hnRNP K protein mRNA in colorectal adenocarcinoma and surrounding mucosa. *Br J Cancer*. 2006; 94: 586-92 **(IF-3.94)**
12. Mikula M, Karczmarski J, Dzwonek A, Rubel T, Hennig E, Dadlez M, Bujnicki JM, Bomsztyk K, Ostrowski J. Casein kinases phosphorylate multiple residues spanning the entire hnRNP K length. *Bióchim Biophys Acta*. 2006;1764:299-306 **(IF-2.11)**
13. Mikula M, Dzwonek A, Karczmarski J, Rubel T, Dadlez M, Wyrwicz LS, Bomsztyk K, Ostrowski J. Landscape of the hnRNP K protein-protein interactome. *Proteomics*. 2006;6:2395-2406 **(IF-6.09)**
14. Dzwonek A, Mikula M, Ostrowski J. The diverse involvement of heterogeneous nuclear ribonucleoprotein K in mitochondria response to insulin. *FEES Lett*. 2006; 580:1839-1845 **(IF-3.64)**
15. Iacopetta B, Russo A, Bazan V, Dardanoni G, Gebbia N, Soussi T, Kerr D, Elsaleh H, Soong R, Kandioler D, Janschek E, Kappel S, Lung M, Leung CS, Ko JM, Yuen S, Ho J, Leung SY, Crapez E, Duffour J, Ychou M, Leahy DT, O'donoghue DP, Agnese V, Cascio S, Di Fede G, Chieco-Bianchi L, Bertorelle R, Belluco C, Giaretti W, Castagnola P, Ricevuto E, Ficorella C, Bosari S, Arizzi CD, Miyaki M, Onda M, Kampman E, Diergaard B, Royds J, Lothe RA, Diep CB, Melineę GI, Ostrowski J, Trzeciak L, Guzinska-Ustymowicz K, Zalewski B, Capella GM, Moreno V, Peinado MA, Lonroth C, Lundholm K, Sun XF, Jansson A, Bouzourene H, Hsieh LL, Tang R, Smith DR, Allen-Mersh TG, Khan ZA, Shorthouse AJ, Silverman ML, Kato S, Ishioka C. Functional categories of TP53 mutation in colorectal cancer: results of an International Collaborative Study. *Ann Oncol*. 2006;17:842-847 **(IF-3.15)**
16. Ostrowski J, Rubel T, Wyrwicz JS, Mikula M, Bielasik A, Butruk E, Reguła J. Three clinical variants of gastroesophageal reflux disease form two distinct gene expression signatures. *J Mol Med* 2006; in press **(IF-3.50)**