

Ewa Niedziałkowska

Lista publikacji

z dnia 31 października 2015

1. Niedziałkowska, E., Wang, F., Porebski, P. J., Minor, W., Higgins, J. M., Stukenberg, P. T., 2012, ***Molecular basis for phosphospecific recognition of histone H3 tails by Survivin paralogues at inner centromeres***, *Molecular Biology of the Cell* 23: s. 1457-1466
2. Szpak, K., Wybieralska, E., Niedziałkowska, E., Rak, M., Bechyne, I., Michalik, M., Madeja, Z., Czyz, J., 2011, ***DU-145 prostate carcinoma cells that selectively transmigrate narrow obstacles express elevated levels of Cx43***, *Cellular & Molecular Biology Letters* 16: s. 625-637
3. Wang, F., Dai, J., Daum, J. R., Niedziałkowska, E., Banerjee, B., Stukenberg, P. T., Gorbsky, G. J., Higgins, J. M., 2010, ***Histone H3 Thr-3 phosphorylation by Haspin positions Aurora B at centromeres in mitosis***, *Science* 330: s. 231-235
4. Kaczmarek, K., Niedziałkowska, E., Studencka, M., Schulz, Y., Grzmil, P., 2009, ***Ccdc33, a predominantly testis-expressed gene, encodes a putative peroxisomal protein***, *Cytogenetic and Genome Research* 126: s. 243-252

Lista depozytów w Protein Data Bank (PDB)

1. 4QGN
Milaczewska, A.M., Chruszcz, M., Petkowski, J.J., Niedziałkowska, E., Minor, W., Borowski, T., 2015, ***Human acireductone dioxygenase with iron ion and L-methionine in active center***
2. 4ZNZ
Gasiorowska, O.A., Niedziałkowska, E., Porebski, P.J., Handing, K.B., Shabalin, I.G., Cymborowski, M.T., Minor, W., 2015, ***Crystal structure of Escherichia coli carbonic anhydrase (YadF) in complex with Zn - artifact of purification***
3. 4YYC
Shabalin, I.G., Porebski, P.J., Gasiorowska, O.A., Handing, K.B., Niedziałkowska, E., Cymborowski, M.T., Cooper, D.R., Stead, M., Hammonds, J., Ahmed, M., Bonanno, J., Seidel, R., Almo, S.C., Minor, W., NYSGRC, 2015, ***Crystal structure of trimethylamine methyltransferase from Sinorhizobium meliloti in complex with unknown ligand***
4. 4TNN
Gasiorowska, O.A., Cymborowski, M.T., Handing, K.B., Shabalin, I.G., Zasadzinska, E., Niedziałkowska, E., Porebski, P.J., Minor, W., 2014, ***Crystal structure of Escherichia coli protein YodA in complex with Ni - artifact of purification***

5. 4OAD
Majorek, K.A., Niedzialkowska, E., Chruszcz, M., Joachimiak, A., Minor, W., Midwest Center for Structural Genomics (MCSG), 2014, ***Crystal structure of a GNAT superfamily acetyltransferase PA4794 in complex with chloramphenicol***
6. 4K2H
Shumilin, I.A., Niedzialkowska, E., Domagalski, M.J., Stam, J., Anderson, W.F., Minor, W., Center for Structural Genomics of Infectious Diseases (CSGID), 2013, ***Crystal structure of C103A mutant of DJ-1 superfamily protein STM1931 from Salmonella typhimurium***
7. 4JXU
Cooper, D.R., Cymborowski, M.T., Majorek, K.A., Niedzialkowska, E., Porebski, P.J., Stead, M., Hammonds, J., Seidel, R., Ahmed, M., Bonanno, J.B., Almo, S.C., Minor, W., New York Structural Genomics Research Consortium (NYSGRC), 2013, ***Structure of aminotransferase ilvE2 from Sinorhizobium meliloti complexed with PLP***
8. 4IW7
Newcomb, W., Niedzialkowska, E., Porebski, P.J., Grimshaw, S., Anderson, W.F., Minor, W., Center for Structural Genomics of Infectious Diseases (CSGID), 2013, ***Crystal structure of 8-amino-7-oxononanoate synthase (bioF) from Francisella tularensis***
9. 4IQG
Niedzialkowska, E., Majorek, K.A., Porebski, P.J., Al Obaidi, N., Hammonds, J., Hillerich, B., Seidel, R., Bonanno, J.B., Almo, S.C., Minor, W., New York Structural Genomics Research Consortium (NYSGRC), 2013, ***Crystal structure of BPRO0239 oxidoreductase from Polaromonas sp. JS666 in NADP bound form***
10. 4GQA
Osinski, S., Majorek, K.A., Niedzialkowska, E., Osinski, T., Porebski, P.J., Nawar, A., Hammonds, J., Hillerich, B., Seidel, R., Bonanno, J.B., Almo, S.C., Minor, W., New York Structural Genomics Research Consortium (NYSGRC), 2012, ***Crystal structure of NAD binding oxidoreductase from Klebsiella pneumoniae***
11. 3V4D
Knapik, A.A., Petkowski, J.J., Otwinowski, Z., Cymborowski, M.T., Cooper, D.R., Chruszcz, M., Porebski, P.J., Niedzialkowska, E., Almo, S.C., Minor, W., New York Structural Genomics Research Consortium (NYSGRC), 2011, ***Crystal structure of RutC protein a member of the YjgF family from E.coli***
12. 3V48
Knapik, A.A., Petkowski, J.J., Otwinowski, Z., Cymborowski, M.T., Cooper, D.R., Chruszcz, M., Porebski, P.J., Niedzialkowska, E., Almo, S.C., Minor, W., New York Structural Genomics Research Consortium (NYSGRC), 2011, ***Crystal Structure of the putative alpha/beta hydrolase RutD from E.coli***
13. 3UEI
Niedzialkowska, E., Porebski, P.J., Wang, F., Higgins, J.M., Stukenberg, P.T., Minor, W., 2011, ***Crystal structure of human Survivin E65A mutant***

14. 3UEH
Niedzialkowska, E., Porebski, P.J., Wang, F., Higgins, J.M., Stukenberg, P.T., Minor, W., 2011, ***Crystal structure of human Survivin H80A mutant***
15. 3UEG
Niedzialkowska, E., Porebski, P.J., Wang, F., Higgins, J.M., Stukenberg, P.T., Minor, W., 2011, ***Crystal structure of human Survivin K62A mutant***
16. 3UEF
Niedzialkowska, E., Porebski, P.J., Wang, F., Higgins, J.M., Stukenberg, P.T., Minor, W., 2011, ***Crystal structure of human Survivin bound to histone H3 (C2 space group)***
17. 3UEE
Niedzialkowska, E., Porebski, P.J., Wang, F., Higgins, J.M., Stukenberg, P.T., Minor, W., 2011, ***Crystal structure of human Survivin K62A mutant bound to N-terminal histone H3***
18. 3UED
Niedzialkowska, E., Porebski, P.J., Wang, F., Higgins, J.M., Stukenberg, P.T., Minor, W., 2011, ***Crystal structure of human Survivin bound to histone H3 phosphorylated on threonine-3 (C2 space group)***
19. 3UEC
Niedzialkowska, E., Porebski, P.J., Cooper, D.R., Chruszcz, M., Wang, F., Higgins, J.M., Stukenberg, P.T., Minor, W., 2011, ***Crystal structure of human Survivin bound to histone H3 phosphorylated on threonine-3***
20. 3OT1
Niedzialkowska, E., Wawrzak, Z., Chruszcz, M., Porebski, P., Skarina, T., Huang, X., Grimshaw, S., Cymborowski, M., Savchenko, A., Anderson, W.F., Minor, W., Center for Structural Genomics of Infectious Diseases (CSGID), 2010, ***Crystal structure of VC2308 protein***
21. 3HHL
Sledz, P., Niedzialkowska, E., Chruszcz, M., Porebski, P., Yim, V., Kudritska, M., Zimmerman, M.D., Evdokimova, E., Savchenko, A., Edwards, A., Joachimiak, A., Minor, W., Midwest Center for Structural Genomics (MCSG), 2009, ***Crystal structure of methylated RPA0582 protein***