Pubblications – De Wulf Peter

Bock L.J., Pagliuca C., Kobayashi N., Grove R.A., Oku Y., Alfieri C., Golfieri C., Oldani A., Dal Maschio M., Bermejo R., Hazbun T.R., Tanaka T.U., De Wulf P. (2012). Cnn1 inhibits the interactions between the KMN complexes of the yeast kinetochore. Nature Cell Biology, 14:614-624.

Nguyen T.L., Cera M.T., Pinto A., Lo Presti L., Hamel E., Conti P., Gussio R., De Wulf P. (2012). Evading Pgp activity in drug-resistant cancer cells: a structural and functional study of antitubulin furan metotica compounds. Molecular Cancer Therapeutics, 11:1103-1111.

Cho-U-S, Corbett K.D., Al-Bassam J., Belizzi J.J.IIIrd, De Wulf P., Espelin C.W., Miranda J.J., Simons K., Sorger P.K., Harrison S.C. (2011). Molecular structures and interactions in the yeast kinetochore. Cold Spring Harbor Symposium in Quantitative Biology, 75:395-401.

De Wulf P., Cheeseman IM (2010). Tension at EMBO's Aneuploidy Workshop. EMBO Reports, 11:727-729.

Screpanti E., Santaguida S., Nguyen T.L., Silvestri R., Gussio R., Musacchio A., Hamel E., De Wulf P. (2010). A screen for kinetochore-microtubule interaction inhibitors identifies novel antitubulin compounds. PLoS ONE, 5:e11603.

Pagliuca C., Draviam V.M., Marco E., Sorger P.K., De Wulf P. (2009). Roles for the conserved Spc105p/Kre28p complex in kinetochore-microtubule binding and the spindle assembly checkpoint. PLoS ONE, 4:e7640.

De Wulf P., Montani F., Visintin R. (2009) Protein phosphatases take the mitotic stage. Current Opinion in Cell Biology, 21:806-815.

Fukagawa T., De Wulf P. (2009). Kinetochore composition, formation and organization. In: "The Kinetochore: from Molecular Discoveries to Cancer Therapy". Eds. De Wulf P., and Earnshaw W.C. Springer Publ., New York City, p. 133-191.

Cohen R.L., Espelin C.W., De Wulf P., Sorger P.K., Harrison S.C., Simons K.T. (2008). Structural and functional dissection of Mif2p, a conserved DNA-binding kinetochore protein. Molecular Biology of the Cell, 19:4480-4491.

De Wulf P., Visintin R. (2008). Cdc14B and APC/C tackle DNA damage. Cell, 134:210-212.

Ciferri C., Pasqualato S., Screpanti E., Maiolica A., Polka J., DeLuca J.B., De Wulf P., Salek M., Rappsilber J., Moores C.A., Salmon E.D., Musacchio A. (2008). Implication for kinetochore-microtubule attachment from the structure of an engineered Ndc80 complex. Cell, 133:427-439.

Miranda JJ.M., De Wulf P., Sorger P.K., Harrison S.C. (2005). The yeast DASH complex decorates microtubules as a closed ring. Nature Structural and Molecular Biology, 12:138-143.

Liu X.Q., De Wulf P. (2004). Probing the ArcA-P signal transduction modulon of Escherichia coli by whole-genome transcriptional analysis and promoter-recognition profiling. Journal of Biological Chemistry, 279:12588-12597.

De Wulf P., McAinsh A.D., Sorger P.K. (2003). Hierarchical assembly of the budding yeast kinetochore from multiple subcomplexes. Genes and Development, 17:2902-2921.

De Wulf P., McGuire A.M., Liu X.Q., Lin E.C.C. (2002). Genome-wide profiling of promoter recognition by the two-component response regulator CpxR-P in Escherichia coli. Journal of Biological Chemistry, 277:26652-26661.

De Wulf P., Lin E.C.C. (2000). Cpx two-component signal transduction in Escherichia coli: excessive CpxR-P levels underlie CpxA* phenotypes. Journal of Bacteriology, 182:1423-1426.