

*曲 桐助理教授
所有發表期刊論文

1. Gopinath RK*, You ST*, Chien KY*, Swamy KBS, Yu JS, Schuyler SC# and Leu JY#. (2014) The Hsp90-dependent proteome is conserved and enriched for hub proteins with high levels of protein-protein connectivity. *Genome Biology and Evolution*. Oct 13;6(10):2851-65. *equal contribution, #co-corresponding authors
2. Liu YC, Kao YT, Huang WK, Lin KY, Wu SC, Hsu SC, Schuyler SC, Li LY, Leigh Lu F, Lu J. (2014) CCL5/RANTES is important for inducing osteogenesis of human mesenchymal stem cells and is regulated by dexamethasone. *Biosci Trends*. Jun;8(3):138-43.
3. Hsuan L, Ma C-P, Chen Y-T, Schuyler SC, Chang K-P and Tan BC. (2014) Functional Impact of RNA Editing and ADARs on Regulation of Gene Expression: Perspectives from Deep Sequencing Studies. *Cell & Bioscience*. Aug 19;4:44.
4. Huang H-N, Chen S-Y, Hwang S-M, Su M-W, Mai W, Wang H-W, Cheng W-C, Schuyler SC, Ma N, Lu FL, Lu J. (2013) miR-200c and GATA binding protein 4 regulate human embryonic stem cell renewal and differentiation. *Stem Cell Res*. Dec 3;12(2):338-353.
5. Wang, C.-H., Ma, N., Lin, Y.-T., Wu, C.-C., Wu, H.-J., Yu, C.-C., Hsiao, M., Lu, F. L., Schuyler SC. and Lu, J. (2013) Array-Based High-Throughput Screening in Mouse Embryonic Stem Cells with shRNAs. *Current Protocols in Stem Cell Biology*. 26:5C.3.1–5C.3.19.
6. Lu FL, Yu C-C, Chiu H-H, Liu HE, Chen S-Y, Lin S, Goh T-Y, Hsu H-C, Chien C-H, Wu H-C, Chen M-S, Schuyler SC, Hsieh W-S, Wu M-H, Lu J. (2013) Sonic hedgehog antagonists induce cell death in acute myeloid leukemia cells in the presence of lipopolysaccharides, tumor necrosis factor- α , or interferons. *Invest. New Drug*. Aug; 31(4):823-32.
7. Schuyler SC, Wu Y-F*, Kuan VJ-W*. (2012) The Mad1-Mad2 balancing act - a damaged spindle checkpoint in chromosome instability and cancer. *J Cell Sci*. Sep 15;125(Pt 18):4197-4206 *equal contribution.

8. Tzeng Y-W, Huang JN, Schuyler SC, Wu C-H, Juang Y-L. (2011) Functions of the mitotic B-type cyclins CLB1, CLB2, and CLB3 at mitotic exit antagonized by the CDC14 phosphatase. *Fungal Genet Biol.* Oct;48(10):966-78.
9. Barnhart EL, Dorer RK, Murray AW, Schuyler SC. (2011) Reduced Mad2 expression keeps relaxed kinetochores from arresting budding yeast in mitosis. *Mol Biol Cell*, Jul;22(14):2448-2457.
10. Wu YP, Chang CM, Hung CY, Tsai MC, Schuyler SC, Wang RYL. (2011) Japanese encephalitis virus co-opts the ER-stress response protein GRP78 for viral infectivity. *Virol J.* 8:128. Erratum in: *Virol J.* 8:338.
11. Schuyler SC, Murray AW. (2009) An in vitro assay for Cdc20-dependent mitotic anaphase-promoting complex activity from budding yeast. *Methods Mol Biol.* 545:271-85.
12. Molk JN, Schuyler SC, Liu JY, Evans JG, Salmon ED, Pellman D, Bloom K. (2004) The differential roles of budding yeast Tem1p, Cdc15p, and Bub2p protein dynamics in mitotic exit. *Mol Biol Cell*. Apr;15(4):1519-32.
13. Schuyler SC, Liu JY, Pellman D. (2003) The molecular function of Ase1p: evidence for a MAP-dependent midzone-specific spindle matrix. *J Cell Biol.* Feb 17;160(4):517-28.
14. Schuyler SC, Pellman D. (2002) Analysis of the size and shape of protein complexes from yeast. *Methods Enzymol.* 351:150-68.
15. Schuyler SC, Pellman D. (2001) Microtubule "plus-end-tracking proteins": The end is just the beginning. *Cell.* May 18;105(4):421-4.
16. Schuyler SC, Pellman D. (2001) Search, capture and signal: games microtubules and centrosomes play. *J Cell Sci.* Jan;114(Pt 2):247-55.
17. Lee L, Tirnauer JS, Li J, Schuyler SC, Liu JY, Pellman D. (2000) Positioning of the mitotic spindle by a cortical-microtubule capture mechanism. *Science.* Mar 24;287(5461):2260-2.

18. Berrueta L, Tirnauer JS, Schuyler SC, Pellman D, Bierer BE. (1999) The APC-associated protein EB1 associates with components of the dynein complex and cytoplasmic dynein intermediate chain. *Curr Biol*. Apr 22;9(8):425-8 .
19. Berrueta L, Kraeft SK, Tirnauer JS, Schuyler SC, Chen LB, Hill DE, Pellman D, Bierer BE. (1998) The adenomatous polyposis coli-binding protein EB1 is associated with cytoplasmic and spindle microtubules. *Proc Natl Acad Sci U S A*. Sep 1;95(18):10596-601.
20. Levy S, Schuyler SC, Maglothin RK, Staehelin LA. (1996) Dynamic simulations of the molecular conformations of wild type and mutant xanthan polymers suggest that conformational differences may contribute to observed differences in viscosity. *Biopolymers*. Feb;38(2):251-72.