

BIOGRAPHICAL SKETCH

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NAME Li, Rong	POSITION TITLE Professor		
eRA COMMONS USER NAME (credential, e.g., agency login)			
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Yale University, New Haven, CT	BS & MS	9/84-5/88	Biophysics & Biochem.
Univ. of California, San Francisco, CA	PhD	9/88-12/92	Genetics & Cell Biol.
Univ. of California, Berkeley, CA	Postdoctor	1/93-10/94	Molecular Cell Biology

A. Positions and Honors

Academic positions:

11/1994-12/1999 Assistant Professor, Department of Cell Biology, Harvard Medical School
1/2000-6/2005 Associate Professor, Department of Cell biology, Harvard Medical School
7/2005-6/2015 Investigator, Stowers Institute for Medical Research
7/2015- Professor, Department of Cell Biology, Johns Hopkins School of Medicine;
Department of Chemical and Biomolecular Engineering, Johns Hopkins University
Director, Center for Cell Dynamics, Institute for Basics Biomedical Sciences, JHU

Professional Services:

2001-2007 American Cancer Society, Cell Cycle and Growth Control Study Section
2008-2012 NIH, Nuclear and Cytoplasmic Structure/Function and Dynamics Study Section.
2008-present BMC-Cell Biology, Associate Editor
2009-present Molecular Biology of the Cell, Associate Editor
2009-present Development, Editor
2010 Program committee, ASCB annual meeting 2011
2011 Selection committee chair, ASCB Bernfield Award and Gilula Award
2012 Section committee, ASCB Early Career Life Science Award
2012-2015 Biophysical Journal, editorial board
2015 Program committee, ASCB annual meeting 2016

Honors and awards:

1988 Phi Beta Kappa, *Summa Cum Laude*, Distinction in Major, Yale University
1993-1994 Damon Runyon-Walter Winchell Cancer Research Fellowship
1995-1997 New Investigator Award, the Medical Foundation
1997-1998 Funds for Discovery Exploratory Award
1998-2000 Award from Giovanni Armenise-Harvard foundation
1999-2001 Hoechst-Marion Roussel Research Award
2000 Biological and Biomedical Sciences Award for Mentoring, Harvard Med School
2004-2005 Award from Stewart Trust Pilot Project Program
2010-2012 William Neaves Award, Stowers Institute for Medical Research
2012 Watkins Visiting Professor, Wichita State University
7/2015- Bloomberg Distinguished Professor, Johns Hopkins University

B. Publications

I. Research Papers

1. Zhu J, Heinecke D, Mulla W, Bradford WD, Rubinstein B, Box A, Haug JS and **Li R**. Single-cell based quantitative assay of chromosome transmission fidelity. G3 2015;5:1043-56
 2. Chen G, Mulla WA, Kucharavy A, Tsai HJ, Rubinstein B, Conkright J, McCroskey S, Bradford WD, Weems L, Haug JS, Seidel CW, Berman J and **Li R**. Targeting the adaptability of heterogeneous aneuploids. (2015) Cell 160:771-784
 3. Suraneni, P, Gogelson, Ben, Rubinstein, B, Noguera, P., Volkmann, N., Hanein, D., Mogilner, A, **Li, R**. A mechanism of leading edge protrusion in the absence of the Arp2/3 complex. (2015) Mol Bio Cell. E14-07-1250
 4. Zhou C, Slaughter BD, Unruh JR, Guo F, Yu Z, Mickey K, Narkar A, Ross TR, McClain M and **Li R**. Organelle-based aggregation and retention of damaged proteins in asymmetrically dividing cells. (2014) Cell 159:530-542. *Highlighted in Cell Preview*
 5. Li G, Li M, Zhang Y, Wang D, **Li R**, Guimerà R, Gao J, Zhang MQ. ModuleRole: a tool for modulization, role determination and visualization in protein-protein interaction networks. (2014) PLoS One 9(5):e94608
 6. Three-dimensional reconstructions of actin filaments capped by Arp2/3 complex. Volkmann N, Page C, **Li R**, Hanein D. (2014) Eur J Cell Biol. 93:179-83
 7. Smith SE, Rubinstein B, Mendes Pinto I, Slaughter BD, Unruh JR, **Li R**. Independence of symmetry breaking on Bem1-mediated autocatalytic activation of Cdc42. (2013) J Cell Biol 202:1091-1106
 8. Yi K, Rubinstein B, Unruh JR, Guo F, Slaughter BD, and **Li R**. Sequential actin-based pushing forces drive meiosis I chromosome migration and symmetry breaking in oocytes. (2013) J Cell Biol 200:567-576
 9. Slaughter BD, Unruh JR, Das A, Smith SE, Rubinstein B and **Li R**. Non-uniform membrane diffusion enables steady-state cell polarization via vesicular trafficking. (2013) Nat Com 4:1380.
 10. Mendes Pinto I, Rubinstein B, Kucharavy A, Unruh JR, **Li R**. Actin depolymerization drives actomyosin ring contraction during budding yeast cytokinesis. (2012) Dev Cell 22(6):1247-1260
 11. Suraneni P, Rubinstein B, Unruh JR, Durnin M, Hanein D, **Li R**. The Arp2/3 complex is required for lamellipodia extension and directional fibroblast cell migration. (2012) J Cell Biol 16; 197(2):239-51. *Cover story and comment in In Focus.*
 12. Das A, Slaughter BD, Unruh JR, Bradford WD, Alexander R, Rubinstein B, **Li R**. Flippase-mediated phospholipid asymmetry promotes fast Cdc42 recycling in dynamic maintenance of cell polarity. (2012) Nat Cell Biol 14(3):304-10. *Reported in ScienceDaily*
 13. Chen G, Bradford WD, Seidel CW, **Li R**. Hsp90 stress potentiates rapid cellular adaptation through induction of aneuploidy. (2012) Nature 482:246-250. *Reported in The Scientist and New Scientist*
 14. Zhu J, Pavelka N, Bradford WD, Rancati G, **Li R**. Karyotypic determinants of chromosome instability in aneuploid budding yeast. (2012) PLoS Genet 8(5):e1002719 *Highlighted in New & Noteworthy at Saccharomyces Genome Database (SGD).*
 15. Xu XP, Rouiller I, Slaughter BD, Egile C, Kim E, Unruh JR, Fan X, Pollard TD, **Li R**, Hanein D, Volkmann N. Three-dimensional reconstructions of Arp2/3 complex with bound nucleation promoting factors. (2011) EMBO J 31:236-47.
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16. Zhou C, Slaughter BD, Unruh JR, Eldakak A, Rubinstein B, **Li R**. Motility and segregation of Hsp104-associated protein aggregates in budding yeast. (2011) Cell 147:1186-96. PMID:PMC3237388 *Reported in The Scientist*
 17. Yi K, Unruh JR, Deng M, Slaughter BD, Rubinstein B, **Li R**. Dynamic maintenance of asymmetric meiotic spindle position through Arp2/3-complex-driven cytoplasmic streaming in mouse oocytes. (2011) Nat Cell Biol 13:1252-8. *Highlighted in NCB News & Views*.
 18. Gao JT, Guimerà R, Li H, Pinto IM, Sales-Pardo M, Wai SC, Rubinstein B **Li R**. Modular coherence of protein dynamics in yeast cell polarity. (2011) Proc Natl Acad Sci USA 108:7647-52.
 19. Potapova TA, Sivakumar S, Flynn JN, **Li R**, Gorbsky GJ. Mitotic progression becomes irreversible in prometaphase and collapses when Wee1 and Cdc25 are inhibited. (2011) Mol Biol Cell 22:1191-206.
 20. Pavelka N, Rancati G, Zhu J, Bradford WD, Saraf A, Florens L, Sanderson BW, Hattem GL, **Li R**. Aneuploidy confers quantitative proteome changes and phenotypic variation in budding yeast. (2010) Nature 468:321-5. *Highlighted in Nature New & Views*.
 21. Eldakak A, Rancati G, Rubinstein B, Paul P, Conaway V, **Li R**. Asymmetrically inherited multidrug resistance transporters are recessive determinants in cellular replicative ageing. (2010) Nat Cell Biol 12:799-805. *Reported in Nature News and ScienceNews*
 22. Bosl W, **Li R**. The role of noise and positive feedback in the onset of autosomal dominant diseases. (2010) BMC Syst Biol 4:93.
 23. Xia S, Li X, Johnson T, Seidel C, Wallace DP, **Li R**. Polycystin-dependent fluid flow sensing targets histone deacetylase 5 to prevent the development of renal cysts. (2010) Development 1075-84. *Highlighted in In This Issue*.
 24. Slaughter BD, Das A, Schwartz JW, Rubinstein B **Li R**. Dual modes of Cdc42 recycling fine-tune polarized morphogenesis. (2009) Dev Cell 17:823-835.
 25. Wai SC, Gerber SA, **Li R**. Multisite phosphorylation of the guanine nucleotide exchange factor Cdc24 during yeast cell polarization. (2009) PLoS One 4:e6563.
 26. Deng M, Gao J, Suraneni P, **Li R**. Kinetochore-independent chromosome poleward movement during anaphase of meiosis II in mouse eggs. (2009) PLoS One 4:e5249.
 27. Rancati G, Pavelka N, Fleharty B, Noll A, Allen R, Walton K, Perera A, Staehling-Hampton K, Seidel CW, **Li R**. Aneuploidy underlies rapid adaptive evolution of yeast cells deprived of a conserved cytokinesis motor. (2008) Cell135:879-893. *Highlighted as Featured Article of the issue with commentary*.
 28. Li H, Guo F, Rubinstein B, **Li R**. Actin-driven chromosomal motility leading to symmetry breaking in mammalian meiotic oocytes. (2008) Nat Cell Biol 10:1301-08.
 29. Li X, Magenheimer BS, Xia S, Johnson T, Wallace DP, Calvet JP, **Li R**. A tumor necrosis factor- α -mediated pathway promoting autosomal dominant polycystic kidney disease. (2008) Nat Med 14:863-868.
 30. Slaughter BD, Huff JM, Wiegnaebe W, Schwartz JW, **Li R**. SAM domain-based protein oligomerization observed by live-cell fluorescence fluctuation spectroscopy (2008) PLoS One 23:e1931
 31. Rouiller I, Xu XP, Amann KJ, Egile C, Nickell S, Nicastro D, **Li R**, Pollard TD, Volkman N, Hanein D. The structural basis of actin filament branching by Arp2/3 complex. (2008) J Cell Biol 180:887-95
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32. Fan X, Martin-Brown S, Florens L, **Li R**. Intrinsic capability of budding yeast cofilin to promote turnover of tropomyosin-bound actin filaments. (2008) PLoS One 3:e3641.
 33. Slaughter BD, Schwartz JW, **Li R**. Mapping dynamic protein interactions in MAP kinase signaling using live-cell fluorescence fluctuation spectroscopy and imaging. (2007) Proc Natl Acad Sci USA 104:20320-5.
 34. Marco E, Wedlich-Soldner R, **Li R**, Altschuler SJ, Wu LF. Endocytosis optimizes the dynamic localization of membrane proteins that regulate cortical polarity. (2007) Cell 129:411-422.
 35. Deng M, Suraneni P, Schultz RM, **Li R**. The Ran GTPase mediates chromatin signaling to control cortical polarity during polar body extrusion in mouse oocytes. (2007) Dev Cell 12:301-8.
 36. Lister IM, Tolliday NJ, **Li R** Characterization of the minimum domain required for targeting budding yeast myosin II to the site of cell division. (2006) BMC Biol 4:19
 37. Yoo Y, Wu X, Egile C, Li R, Guan JL. Interaction of N-WASP with hnRNPK and its role in filopodia formation and cell spreading. (2006) J Biol Chem 281:15352-60
 38. Kreishman-Deitrick M, Goley ED, Burdine L, Denison C, Egile C, Li R, Murali N, Kodadek TJ, Welch MD, Rosen MK. NMR analyses of the activation of Arp2/3 complex by neuronal Wiskott-Aldrich syndrome protein. (2005) Biochemistry 44:15247-56.
 39. Egile C, Rouiller I, Xu X, Volkmann N, **Li R**[†], Hanein D[†]. Mechanism of filament nucleation and branch stability revealed by the structure of the Arp2/3 complex at actin branch junctions. (2005) PLoS Biol 3:e383. [†]co-corresponding authors
 40. Brandman O, Ferrell JE Jr, **Li R**, Meyer T. Interlinked fast and slow positive feedback loops drive reliable cell decisions. (2005) Science 310:496-8.
 41. VerPlank L, **Li R**. Cell cycle-regulated trafficking of Chs2 controls actomyosin ring stability during cytokinesis. (2005) Mol Biol Cell 16:2529-43.
 42. Kowalski JR, Egile C, Gil S, Snapper SB, **Li R**, Thomas SM. Cortactin regulates cell migration through activation of N-WASP. (2005) J Cell Sci 118:79-87.
 43. Pan F, Egile C, Lipkin T, **Li R**. ARPC1/Arc40 mediates the interaction of the actin-related protein 2 and 3 complex with Wiskott-Aldrich syndrome family activators. (2004) J Biol Chem 279:54629-36.
 44. Frank M, Egile C, Dyachok J, Djakovic S, Nolasco M, **Li R**, Smith LG. Activation of Arp2/3 complex-dependent actin polymerization by plant proteins distantly related to Scar/WAVE. (2004) Proc Natl Acad Sci USA 101:16379-84.
 45. Wedlich-Soldner R, Wai SC, Schmidt T, **Li R**. Robust cell polarity is a dynamic state established by coupling transport and GTPase signaling. (2004) J Cell Biol 166:889-900.
 46. Jonsdottir GA, **Li R**. Dynamics of yeast Myosin I: evidence for a possible role in scission of endocytic vesicles. (2004) Curr Biol 14:1604-9.
 47. Gouin E, Egile C, Dehoux P, Villiers V, Adams J, Gertler F, **Li R**, Cossart P. The RickA protein of *Rickettsia conorii* activates the Arp2/3 complex. (2004) Nature 427:457-61.
 48. Kreishman-Deitrick M, Egile C, Hoyt DW, Ford JJ, **Li R**, Rosen MK. NMR analysis of methyl groups at 100-500kDa: model systems and Arp2/3 complex. (2003) Biochemistry 42:8579-86.
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49. Yarrow JC, Lechler T, **Li R**, Mitchison TJ. Rapid de-localization of actin leading edge components with BDM treatment. (2003) BMC Cell Biol 4:5
 50. Paw BH, Davidson AJ, Zhou Y, **Li R**, Pratt SJ, Lee C, Trede NS, Brownlie A, Donovan A, Liao EC, Ziai JM, Drejer AH, Guo W, Kim CH, Gwynn B, Peters LL, Chernova MN, Alper SL, Zapata A, Wickramasinghe SN, Lee MJ, Lux SE, Fritz A, Postlethwait JH, Zon LI. Cell-specific mitotic defect and dyserythropoiesis associated with erythroid band 3 deficiency. (2003) Nat Genet 34:59-64.
 51. Wedlich-Soldner R, Altschuler S, Wu L, **Li R**. Spontaneous cell polarization through actomyosin-based delivery of the Cdc42 GTPase. (2003) Science 299:1231-5.
 52. Tolliday N, Pitcher M, **Li R**. Direct evidence for a critical role of myosin II in budding yeast cytokinesis and the evolvability of new cytokinetic mechanisms in the absence of myosin II. (2003) Mol Biol Cell 14:798-809.
 53. Soulard A, Lechler T, Spiridonov V, Schevchenko A, **Li R**, Winsor B. *Saccharomyces cerevisiae* Bzz1p is implicated with type I myosins in actin patch polarization and is able to recruit actin-polymerizing machinery *in vitro*. (2002) Mol Cell Biol 22:7889-906.
 54. Tolliday N, VerPlank L, **Li R**. Rho1 directs formin-mediated actin ring assembly during budding yeast cytokinesis. (2002) Curr Biol 12:1864-70.
 55. Lee PL, Song S, Ro H, Park CJ, Lippincott J, **Li R**, Pringle JR, De Vergilio C, Longtine MS, Lee KS. Bni5p, a septin-interacting protein, is required for normal septin function and cytokinesis in *Saccharomyces cerevisiae*. (2002) Mol Cell Biol 22:6906-20.
 56. Lechler T, Jonsdottir GA, Klee SK, Pellman D, **Li R**. A two-tiered mechanism by which Cdc42 controls the localization and activation of an Arp2/3-activating motor complex in yeast. (2001) J Cell Biol 155:261-70.
 57. Volkmann N, Amann KJ, Stoilova-McPhie, S, Egile C, Winter DC, Hazelwood L, Heuser JE, **Li R**, Pollard TD, Hanein D. Structure of Arp2/3 complex in its activated state and in actin filament branch junctions. (2001) Science 293:2456-9.
 58. Lippincott J, Shannon K, Shou W, Deshaies RJ, **Li R**. The Tem1 small GTPase controls actomyosin and septin dynamics during cytokinesis. (2001) J Cell Sci 114:1379-86.
 59. Uruno T, Liu J, Zhang, P, Fan Yx, Egile C, **Li R**, Mueller SC, Zhan X. Activation of the Arp2/3 complex-mediated actin polymerization by cortactin. (2001) Nat Cell Biol 3:259-66.
 60. Lippincott J, **Li R**. Nuclear envelope fission is linked to cytokinesis in budding yeast. (2000) Exp Cell Res 260: 277-83.
 61. Shannon KB, **Li R**. A myosin light chain mediates the localization of the budding yeast IQGAP-like protein during contractile ring formation. (2000) Curr Biol 10:727-30.
 62. Egile C, Loisel TP, Laurent V, **Li R**, Pantaloni D, Sansonetti PJ, Carlier MF. Activation of the CDC42 effector N-WASP by the *Shigella flexneri* IcsA protein promotes actin nucleation by Arp2/3 complex and bacterial actin-based motility. (1999) J Cell Biol 146:1319-32
 63. Winter DC, Chau EC, **Li R**. Genetic dissection of the budding yeast Arp2/3 complex: a comparison of the *in vivo* and structural roles of individual subunits. (1999) Proc Natl Acad Sci USA 96:7288-93.
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64. Hardwick KG, **Li R**, Mistrot C, Chen RH, Dann P, Rudner A, Murray AW. Lesions in many different spindle components activate the spindle checkpoint in the budding yeast *Saccharomyces cerevisiae*. (1999) Genetics 152:509-18.
65. Winter D, Lechler T, **Li R**. Activation of the yeast Arp2/3 complex by Bee1p, a WASP-family protein. (1999) Curr Biol 9:501-4.
66. **Li R**. Bifurcation of the mitotic checkpoint pathway in budding yeast. (1999) Proc Natl Acad Sci USA 96:4989-94.
67. Shannon KB, **Li R**. The multiple roles of Cyk1p in the assembly and function of the actomyosin ring in budding yeast. (1999) Mol Biol Cell 10:283-96.
68. Lippincott J, **Li R**. Dual function of Cyk2, a cdc15/PSTPIP family protein, in regulating actomyosin ring dynamics and septin distribution. (1998) J Cell Biol 143:1947-60.
69. Lippincott J, **Li R**. Sequential assembly of myosin II, an IQGAP-like protein and filamentous actin to a ring structure involved in budding yeast cytokinesis. (1998) J Cell Biol 140:355-66.
70. Lechler T, **Li R**. *In vitro* reconstitution of cortical actin assembly sites in budding yeast. (1997) J Cell Biol 138:95-103.
71. Winter D, Podtelejnikov AV, Mann M, **Li R**. The complex containing actin-related proteins Arp2 and Arp3 is required for the motility and integrity of yeast actin patches. (1997) Curr Biol 7:519-29.
72. **Li R**. Bee1, a yeast protein with homology to Wiskott-Aldrich syndrome protein, is critical for the assembly of cortical actin cytoskeleton. (1997) J Cell Biol 136:649-58.
73. **Li R**, Zheng Y, Drubin DG. Regulation of cortical actin cytoskeleton assembly during polarized cell growth in budding yeast. (1995) J Cell Biol 128:599-615.
74. **Li R**, Havel C, Watson J, Murray AW. The mitotic feedback control gene *MAD2* encodes the alpha-subunit of a prenyltransferase. (1993) Nature 366:82-4 (Erratum: Nature 1994; 371: 438)
75. **Li R**, Murray AW. Feedback control of mitosis in budding yeast. (1994) Cell 66:519-531. (*A Nature Milestone in Cell Cycle research*)
76. Potashkin J, **Li R**. Friendewey D. Pre-mRNA splicing mutants of *Schizosaccharomyces pombe*. (1989) EMBO J 8:551-9.

II. Review articles

77. Zhou C, **Li R**, Kennedy BK. Life History: Mother-Specific Proteins that Promote Aging. (2014) Cur Biol 24:R1162-1164.
 78. Mulla W, Zhu J, **Li R**. Yeast: A simple model system to study complex phenomena of aneuploidy. (2013) FEMS Microbiol Rev doi: 10.1111/1574-6976.12048. [Epub ahead of print].
 79. Yi K, Rubinstein B, **Li R**. Symmetry breaking and polarity establishment during mouse oocyte maturation. (2013) Philos Trans R Soc London [Biol] 368(1629):20130002.
 80. Mendes Pinto I, Rubinstein B, **Li R**. Force to divide: structural and mechanical requirements for actomyosin ring contraction. (2013) Biophys J 105:547-54.
 81. **Li R**. The art of choreographing asymmetric cell division. (2013) Dev Cell 25:439-50.
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82. Potapova TA, Zhu J, and **Li R**. Aneuploidy and chromosomal instability: a vicious cycle driving cellular evolution and cancer genome chaos. (2013) Cancer Metastasis Rev 32:377-89
 83. **Li R**, Albertini DF. The road to maturation: somatic cell interaction and self-organization of the mammalian oocyte. (2013) Nat Rev Mol Cell Biol 14:141-52
 84. Unruh JR, Slaughter BD, **Li R**. Quality control: putting protein aggregates in a bind. (2013) Curr Biol 23:R74-6
 85. Kaplan K, **Li R**. A prescription for 'stress'--the role of Hsp90 in genome stability and cellular adaptation. (2012) Trends Cell Biol 22:576-83
 86. Yi K, **Li R**. Actin cytoskeleton in cell polarity and asymmetric division during mouse oocyte maturation. (2012) Cytoskeleton 69:727-37
 87. Chen G, Rubinstein B, **Li R**. Whole chromosome aneuploidy: big mutations drive adaptation by phenotypic leap. (2012) BioEssays 34:893-900.
 88. Rubinstein B, Slaughter BD, **Li R**. Weakly nonlinear analysis of symmetry breaking in cell polarity models. (2012) Phys Biol 9:045006.
 89. Slaughter BD, **Li R**. Toward quantitative "in vivo biochemistry" with fluorescence fluctuation spectroscopy. (2010) Mol Biol Cell 21:4306-11.
 90. Pavelka N, Rancati G, **Li R**. Dr Jekyll and Mr Hyde: role of aneuploidy in cellular adaptation and cancer. (2010) Curr Opin Cell Biol 22:809-15
 91. **Li R**. Myosin-II puts the squeeze on asymmetric cell division. (2010) Dev Cell 19:639-40.
 92. **Li R**, Wedlich-Soldner R. Bem1 complexes and the complexity of yeast cell polarization. (2009) Curr Biol 19:R194-5
 93. **Li R**, Gundersen GG. Beyond polymer polarity: how the cytoskeleton builds a polarized cell. (2008) Nat Rev Mol Cell Biol 9:860-73. *Cover article*
 94. Wedlich-Soldner R, **Li R**. Yeast and fungal morphogenesis from an evolutionary perspective. (2008) Semin Cell Dev Biol 19:224-33.
 95. **Li R**. Cytokinesis in development and disease: variations on a common theme. (2007) Cell Mol Life Sc. 64:3044-58
 96. Rancati G, **Li R**. Polarized cell growth: double grip by CDK₁. (2007) Curr Biol 17:R600-3.
 97. Slaughter B, **Li R**. Toward a molecular interpretation of the surface stress theory for yeast morphogenesis. (2006) Curr Opin Cell Biol 18:47-53.
 98. Bosl WJ, **Li R**. Mitotic-exit control as an evolved complex system. (2005) Cell 121:325-33.
 99. **Li R**. Neuronal polarity: until GSK-3 do us part. (2005) Curr Biol 15:R198-200
 100. Wedlich-Soldner R, **Li R**. Closing the loops: new insights into the role and regulation of actin during cell polarization. (2004) Exp Cell Res 301:8-15.
 101. **Li R**, Wai SC. Bacteria cell polarity: a "swarmer-stalked" tale of actin. (2004) Trends Cell Biol 14:532-6.
 102. Smith LG, **Li R**. Actin polymerization: riding the wave. (2004) Curr Biol 14:R109-11
 103. Wedlich-Soldner R, **Li R**. Spontaneous cell polarization: undermining determinism. (2003) Nat Cell Biol 5:267-70.
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104. Tolliday N, Bouquin N, **Li R.** Assembly and regulation of the cytokinetic apparatus in budding yeast. (2001) Curr Opin Microbiol 4:690-5.
105. **Li R.** Mitosis: shutting the door behind when you leave. (2000) Curr Biol 10:R781-4.
106. Lippincott J, **Li R.** Involvement of PCH family proteins in cytokinesis and actin distribution. (2000) Micro Res Tech 49:168-72.
107. Field C, **Li R**, Oegema, K. Cytokinesis in eukaryotes: a mechanistic comparison. (1999) Curr Opin Cell Biol 11:68-80.

III. Books and book chapters

108. **Li, R.** Actin-based chromosome movement in cell division. In "Actin-based motility", Springer-London, edited by MF Carlier. *In press*
 109. Slaughter BD, Unruh JR, **Li R.** Examination of dynamic protein interactions in yeast using live-cell fluorescence fluctuation microscopy and spectroscopy. In Methods in Molecular Biology, Springer-London. 759:283-306
 110. "Symmetry Breaking in Biology", 1st edition, Cold Spring Harbor Laboratory Press, editors **R. Li** and B. Bowerman. April 1, 2010
 111. **Li R.** and Bowerman B. Symmetry breaking in biology. In "Symmetry Breaking in Biology", Cold Spring Harbor Laboratory Press. April 1, 2010
 112. Slaughter BD, Smith SE, **Li R.** Cell polarity in the budding yeast *Saccharomyces cerevisiae*. In "Symmetry Breaking in Biology", Cold Spring Harbor Laboratory Press. April 1, 2010
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