

Publications

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4. **Bennett, R. J.**, and West, S. C. (1995) Structural Analysis of the RuvC-Holliday Junction Complex Reveals an Unfolded Junction. *J. Mol. Biol.*, 252: 213-226.
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11. **Bennett, R.J.**, Keck, J.L., and Wang, J.C. (1999) Binding Specificity Determines Polarity of DNA Unwinding by the Sgs1 protein of *S. cerevisiae*. *Journal of Molecular Biology*, 289: 235-48.
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13. **Bennett, R.J.**, Noirot-Gros, M.F., and Wang, J.C. (2000) Interaction Between Yeast Sgs1 Helicase and DNA Topoisomerase III. *J. Biol. Chem.*, 275: 26898-905.
14. **Bennett, R.J.**, and Wang, J.C. (2001) Functional and Physical Association of Yeast DNA Topoisomerase III and Sgs1 DNA Helicase: Studies of a Fusion Protein. *Proc. Natl. Acad. Sci. U. S. A.*, 98: 11108-13.
15. **Bennett, R.J.**, and Johnson, A.D. (2003) Completion of a Parasexual Cycle in *C. albicans* by Induced Chromosome Loss in Tetraploid Strains. *EMBO J*, 22: 2505-15.
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18. **Bennett, R.J.**, Miller, M.G., Chua, P.R., Maxon, M.E., and Johnson, A.D. (2005) Nuclear Fusion Occurs During Mating in *C. albicans* and is Dependent on the *KAR3* Gene. *Molecular Microbiology*, 55: 1046-1059.
19. **Bennett, R.J.**, and Johnson, A.D. (2005) Mating in *Candida albicans* and the Search for a Sexual Cycle. *Annu. Rev. Microbiol.* 59: 233-255.
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27. **Bennett, R.J.** (2009) A Microbiologist Wonders What Turns Us On? Journal Club. *Nature*, 461: 15.
28. Alby, K., and **Bennett, R.J.** (2009) To Switch or Not to Switch? *Communicative and Integrative Biology*. 2:6, 1-3.
29. Sherwood, R., and **Bennett, R.J.** (2009) Fungal Meiosis and Parasexual Reproduction - Lessons from Pathogenic Yeast. *Current Opinion in Microbiology*. 12: 599-607.
30. Ene, I., and **Bennett, R.J.** (2009) Hwp1 and Related Adhesins Contribute to Both Mating and Biofilm Formation in *Candida albicans*. *Eukaryotic Cell (Note)*. 8: 245-249.
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32. Alby, K., Schaefer, D., Sherwood, R.K., and **Bennett, R.J.** (2010) Identification of a Cell Death Pathway in *Candida albicans* during the Response to Mating Pheromones. *Eukaryotic Cell*. 9: 1690-1701.

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33. **Bennett, R.J.**, and Dunny, G.M. (2010) Analogous Telesensing Pathways Regulate Mating and Virulence in Two Opportunistic Human Pathogens. *mBio*. 1: e00181-10.
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 36. Alby, K., and **Bennett, R.J.** (2011) Inter-Species Pheromone Signaling Promotes Biofilm Formation and Same-Sex Mating in *Candida albicans*. *Proc. Natl. Acad. Sci. U. S. A.* 108: 2510-5.
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37. **Bennett, R.J.** and Nielsen, K. (2011) Book chapter on “Discovery of Extant Sexual Cycles in Pathogenic Fungi: Roles in Generation of Diversity and Virulence” in “*Evolution of Virulence of Eukaryotic Microbes*”. *In Press*.
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 39. Porman, A.M., Alby, K., Hirakawa, M.P., and **Bennett, R.J.** (2011) Discovery of a Phenotypic Switch Regulating Sexual Mating in the Opportunistic Fungal Pathogen *Candida tropicalis*. *Proc. Natl. Acad. Sci. U. S. A.* Dec 8, *epub*.