

FEMS

YEAST RESEARCH

Volume 13

Issue 8

December 2013

ISSN 1567-1356



WILEY
Blackwell



Discover this journal online at

WILEY ONLINE LIBRARY
wileyonlinelibrary.com/journal/femsyr

Research Articles

- 711 The MX4blaster cassette: repeated and clean *Saccharomyces cerevisiae* genome modification using the genome-wide deletion collection
Á. Carvalho, F. Pereira and B. Johansson
- 720 Genomewide screening for genes involved in biofilm formation and miconazole susceptibility in *Saccharomyces cerevisiae*
D. Vandenbosch, E. De Canck, I. Dhondt, P. Rigole, H.J. Nelis and T. Coenye
- 731 Evolutionary engineering and transcriptomic analysis of nickel-resistant *Saccharomyces cerevisiae*
G. Küçükgoze, C. Alkim, Ü. Yılmaz, H. İbrahim Kısakesen, S. Gündüz, S. Akman and Z.P. Çakar
- 747 BH3-only proteins Noxa, Bik, Bmf, and Bid activate Bax and Bak indirectly when studied in yeast model
G. Gérecová, J. Kopanicová, P. Jaká, L. Běhalová, B. Juhásová, I. Bhatia-Kiššová, M. Forte, P. Polčic and M. Mentel
- 755 Aspirin-induced apoptosis of yeast cells is associated with mitochondrial superoxide radical accumulation and NAD(P)H oxidation
G. Farrugia, W.H. Bannister, N. Vassallo and R. Balzan
- 769 One-step assembly and targeted integration of multigene constructs assisted by the I-SceI meganuclease in *Saccharomyces cerevisiae*
N.G.A. Kuijpers, S. Chroumpi, T. Vos, D. Solis-Escalante, L. Bosman, J.T. Pronk, J.-M. Daran and P. Daran-Lapujade
- 782 Alcohols are inhibitors of *Saccharomyces cerevisiae* multidrug-resistance pumps Pdr5p and Snq2p
D. Gášková, J. Plášek, J. Zahumenský, I. Benešová, L. Buriánková and K. Sigler
- 796 7-ketocholesterol-induced caspase-mediated apoptosis in *Saccharomyces cerevisiae*
Q. Yue, X. Zhou, Q. Leng, L. Zhang, B. Cheng and X. Zhang
- 804 Reactive oxygen species production induced by ethanol in *Saccharomyces cerevisiae* increases because of a dysfunctional mitochondrial iron-sulfur cluster assembly system
R.V. Pérez-Gallardo, L.S. Briones, A.L. Díaz-Pérez, S. Gutiérrez, J.S. Rodríguez-Zavala and J. Campos-García
- 820 Dimethyl sulfoxide induces oxidative stress in the yeast *Saccharomyces cerevisiae*
I. Sadowska-Bartosz, A. Pączka, M. Mołoni and G. Bartosz
- 831 Phenotypical properties associated with virulence from clinical isolates belonging to the *Candida parapsilosis* complex
É.A. Abi-chacra, L.O.P. Souza, L.P. Cruz, L.A. Braga-Silva, D.S. Gonçalves, C.L. Sodr , M.D. Ribeiro, S.H. Seabra, M.H.G. Figueiredo-Carvalho, L.S. Barbedo, R.M. Zancop -Oliveira, M. Ziccardi and A.L.S. Santos
- 849 Phenothiazine is a potent inhibitor of prostaglandin E₂ production by *Candida albicans* biofilms
R. Ells, G. Kemp, J. Albertyn, J.L.F. Kock and C.H. Pohl

Short Communication

- 856 Incidence of symbiotic dsRNA 'killer' viruses in wild and domesticated yeast
M.D. Pieczynska, J.A.G.M. de Visser and R. Korona