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2009 Neurospora Bibliography

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2009 Neurospora Bibliography

Abstract

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Cross reference of author's names

1. Aanen, D.K., Debets, A.J.M., de Visser, J.A.G.M., and Hoekstra, R.F. 2008. The social evolution of somatic fusion. *Bioessays* 30:1193-1203.
2. Adhvaryu, K.K., and Selker, E.U. 2008. Protein phosphatase PP1 is required for normal DNA methylation in *Neurospora*. *Genes Dev.* 22:3391-3396.
3. Adio, S., and Woehlke, G. 2009. Properties of the Kinesin-3 NcKin3 motor domain and implications for neck function. *FEBS J.* 276:3641-3655.
4. Aiyar, R.S., Gagneur, J., and Steinmetz, L.M. 2008. Identification of mitochondrial disease genes through integrative analysis of multiple datasets. *Methods* 46:248-255.
5. Akman, O.E., Ciocchetta, F., Degasperi, A., and Guerriero, M.L. 2009. Modelling biological clocks with bio-pepa: stochasticity and robustness for the *Neurospora crassa* circadian network. *Lect. Notes Bioinform.* 5688:52-67.
6. Aldabbous, M. 2009. Isolation and characterization of *Neurospora* cell wall biosynthesis and anastomosis-defective mutants. Thesis (Ph.D.)--State University of New York at Buffalo, 176 p.
7. Aleman-Meza, B., Yu, Y.H., Schuttler, H.B., Arnold, J., and Taha, T.R. 2009. KINSOLVER: A simulator for computing large ensembles of biochemical and gene regulatory networks. *Comput. Math. Appl.* 57:420-435.
8. Aliyari, R., and Ding, S.W. 2009. RNA-based viral immunity initiated by the Dicer family of host immune receptors. *Immunol. Rev.* 227:176-188.
9. Allgaier, S., Taylor, R.D., Brudnaya, Y., Jacobson, D.J., Cambareri, E., and Stuart, W.D. 2009. Vaccine production in *Neurospora crassa*. *Biologicals* 37:128-132.
10. Allgaier, S., Weiland, N., Hamad, I., and Kempken, F. 2009. Expression of ribonuclease A and ribonuclease N(1) in the filamentous fungus *Neurospora crassa*. *Appl. Microbiol. Biotechnol.* doi:10.1007/s00253-009-2161-y
11. Allis, C.D., Jenuwein, T., Reinberg, D., and Caparros, M.-L. 2009. Epigenetics. Cold Spring Harbor, N.Y.: CSH Press/Cold Spring Harbor Laboratory Press. x, 502 p.
12. Angarita-Jaimes, N.C., Roca, M.G., Towers, C.E., Read, N.D., and Towers, D.P. 2009. Algorithms for the automated analysis of cellular dynamics within living fungal colonies. *Cytometry A* 75:768-780.
13. Araujo-Palomares, C.L., Riquelme, M., and Castro-Longoria, E. 2009. The polarisome component SPA-2 localizes at the apex of *Neurospora crassa* and partially colocalizes with the Spitzenkorper. *Fungal Genet. Biol.* 46:551-563.
14. Arnett, D.R., Lorimer, H.E., and Asch, D.K. 2009. Catabolite repression directly affects transcription of the *qa-y* gene of *Neurospora crassa*. *Fungal Genet. Biol.* 46:377-380.

15. Bahn, Y.-S. 2008. Master and commander in fungal pathogens: the two-component system and the HOG signaling pathway. *Eukaryotic Cell* 7:2017-2036.
16. Baird, N.A., Etter, P.D., Atwood, T.S., Currey, M.C., Shiver, A.L., Lewis, Z.A., Selker, E.U., Cresko, W.A., and Johnson, E.A. 2008. Rapid SNP discovery and genetic mapping using sequenced RAD markers. *PLoS One* 3: e3376.
17. Baker, C.L., Kettenbach, A.N., Loros, J.J., Gerber, S.A., and Dunlap, J.C. 2009. Quantitative proteomics reveals a dynamic interactome and phase-specific phosphorylation in the *Neurospora* circadian clock. *Mol. Cell* 34:354-363.
18. Basile, L.J. 2008. Cyanide-degrading enzymes for bioremediation. Thesis (M.S.)--Texas A&M University. ix, 43 p.
19. Bastian, F., Bouziri, L., Nicolardot, B., and Ranjard, L. 2009. Impact of wheat straw decomposition on successional patterns of soil microbial community structure. *Soil Biol. Biochem.* 41:262-275.
20. Bay, D.C., O'Neil, J.D., and Court, D.A. 2008. The influence of sterols on the conformation of recombinant mitochondrial porin in detergent. *Biochem. Cell Biol.* 86:539-545.
21. Becker, T., Gebert, M., Pfanner, N., and van der Laan, M. 2009. Biogenesis of mitochondrial membrane proteins. *Curr. Opin. Cell Biol.* 21:484-493.
22. Bell-Pedersen, D., and Borkovich, K.A. 2009. The 2009 George W. Beadle Award: Jay C. Dunlap. *Genetics* 181:831-833.
23. Bogdanovic, O., and Veenstra, G.J.C. 2009. DNA methylation and methyl-CpG binding proteins: developmental requirements and function. *Chromosoma* 118:549-565.
24. Bonito, G., Isikhuemhen, O.S., and Vilgalys, R. Identification of fungi associated with municipal compost using DNA-based techniques. *Bioresour. Technol.* 101:1021-1027.
25. Bowman, B.J., Draskovic, M., Freitag, M., and Bowman, E.J. 2009. Structure and distribution of organelles and cellular location of calcium transporters in *Neurospora crassa*. *Eukaryotic Cell*. doi:10.1128/EC.00174-09
26. Brody, S., Oelhafen, K., Schneider, K., Perrino, S., Goetz, A., Wang, C., and English, C. 2009. Circadian rhythms in *Neurospora crassa*: downstream effectors. *Fungal Genet. Biol.* doi:10.1016/j.fgb.2009.09.006
27. Bushley, K.E., Ripoll, D.R., and Turgeon, B.G. 2008. Module evolution and substrate specificity of fungal nonribosomal peptide synthetases involved in siderophore biosynthesis. *BMC Evol. Biol.* 8:328.
28. Carvalho, M.B., Martins, I., Leitao, M.C., Garcia, H., Rodrigues, C., San Romao, V., McLellan, I., Hursthause, A., and Silva Pereira, C. 2009. Screening pentachlorophenol degradation ability by environmental fungal strains belonging to the phyla Ascomycota and Zygomycota. *J. Ind. Microbiol. Biotechnol.* 36:1249-1256.
29. Cecere, G., and Cogoni, C. 2009. Quelling targets the rDNA locus and functions in rDNA copy number control. *BMC Microbiol.* 9:44.
30. Cha, J., Chang, S.S., Huang, G., Cheng, P., and Liu, Y. 2008. Control of WHITE COLLAR localization by phosphorylation is a critical step in the circadian negative feedback process. *EMBO J.* 27:3246-3255.
31. Chadee, A.B., Bhaskaran, H., and Russell, R. 2009. Protein roles in group I intron RNA folding: The tyrosyl-tRNA synthetase CYT-18 stabilizes the native state relative to a long-lived misfolded structure without compromising folding kinetics. *J. Mol. Biol.* doi:10.1016/j.jmb.2009.11.009
32. Chae, M.S. 2008. Examination of alternative oxidase induction in *Neurospora crassa*. Thesis (Ph.D.)--University of Alberta. 92 p.
33. Chae, M.S., and Nargang, F.E. 2009. Investigation of regulatory factors required for alternative oxidase production in *Neurospora crassa*. *Physiol. Plant.* 137:407-418
<https://newprairiepress.org/fgr/vol56/iss1/5>

34. Chen, E.H. 2008. Cell fusion : overviews and methods. Totowa, N.J.: Humana. xi, 421 p.
35. Chen, C.H., and Loros, J.J. 2009. Neurospora sees the light: Light signaling components in a model system. *Commun. Integr. Biol.* 2:448-451.
36. Chen, C.H., Ringelberg, C.S., Gross, R.H., Dunlap, J.C., and Loros, J.J. 2009. Genome-wide analysis of light-inducible responses reveals hierarchical light signalling in Neurospora. *EMBO J.* 28:1029-1042.
37. Clark, T.A., J.M. Guilmette, D. Renstrom, and J.P. Townsend. 2008. RNA extraction, probe preparation, and competitive hybridization for transcriptional profiling using *Neurospora crassa* long-oligomer DNA microarrays. *Fungal Genet. Reports* 55:18-28
38. Colombini, M. 2009. The published 3D structure of the VDAC channel: native or not? *Trends Biochem. Sci.* 34:382-389.
39. da Silva, C.C., Cruz, R.C., Bucciarelli-Rodriguez, M., and Vilas-Boas, A. 2009. *Neurospora crassa* mat A-2 and mat A-3 proteins weakly interact in the yeast two-hybrid system and affect yeast growth. *Genet. Mol. Biol.* 32:354-361.
40. de Almeida, F.M., Bonini, B.M., Beton, D., Jorge, J.A., Terenzi, H.F., and da Silva, A.M. 2009. Heterologous expression in *Escherichia coli* of *Neurospora crassa* neutral trehalase as an active enzyme. *Protein Expr. Purif.* 65:185-189.
41. Del Campo, M., Mohr, S., Jiang, Y., Jia, H., Jankowsky, E., and Lambowitz, A.M. 2009. Unwinding by local strand separation is critical for the function of DEAD-box proteins as RNA chaperones. *J. Mol. Biol.* 389:674-693.
42. Dent, K.C., Weber, B.W., Benedik, M.J., and Sewell, B.T. 2009. The cyanide hydratase from *Neurospora crassa* forms a helix which has a dimeric repeat. *Appl. Microbiol. Biotechnol.* 82:271-278.
43. Dettman, J.R., Anderson, J.B., and Kohn, L.M. 2009. Genome-wide investigation of reproductive isolation in experimental lineages and natural species of Neurospora: identifying candidate regions by microarray-based genotyping and mapping. *Evolution.* doi:10.1111/j.1558-5646.2009.00863.x
44. Diaz, A., Valdes, V.J., Rudino-Pinera, E., Horjales, E., and Hansberg, W. 2009. Structure-function relationships in fungal large-subunit catalases. *J. Mol. Biol.* 386:218-232.
45. Diernfellner, A.C., Querfurth, C., Salazar, C., Hofer, T., and Brunner, M. 2009. Phosphorylation modulates rapid nucleocytoplasmic shuttling and cytoplasmic accumulation of Neurospora clock protein FRQ on a circadian time scale. *Genes Dev.* 23:2192-2200.
46. Dogaris, I., Karapati, S., Mamma, D., Kalogeris, E., and Kekos, D. 2009. Hydrothermal processing and enzymatic hydrolysis of sorghum bagasse for fermentable carbohydrates production. *Bioresour. Technol.* 100:6543-6549.
47. Dogaris, I., Vakontios, G., Kalogeris, E., Mamma, D., and Kekos, D. 2009. Induction of cellulases and hemicellulases from *Neurospora crassa* under solid-state cultivation for bioconversion of sorghum bagasse into ethanol. *Ind. Crops Prod.* 29:404-411.
48. Dolderer, B., Hartmann, H.-J., and Weser, U. 2009. Metallothioneins in yeast and fungi. In: *Metal Ions in Life Sciences*. Sigel, A. (ed). Cambridge: Royal Society of Chemistry, pp. 83-105.
49. Dongo, A., Bataille-Simoneau, N., Campion, C., Guillemette, T., Hamon, B., Iacomi-Vasilescu, B., Katz, L., and Simoneau, P. 2009. The group III two-component histidine kinase of filamentous fungi is involved in the fungicidal activity of the bacterial polyketide ambruticin. *Appl. Environ. Microbiol.* 75:127-134.
50. dos Reis, M., and Wernisch, L. 2009. Estimating translational selection in eukaryotic genomes. *Mol. Biol. Evol.* 26:451-461.
51. Duarte, M., and Videira, A. 2008. Respiratory chain organization in *Neurospora crassa* upon disruption of

52. Duarte, M., and Videira, A. 2009. Effects of mitochondrial complex III disruption in the respiratory chain of *Neurospora crassa*. *Mol. Microbiol.* 72:246-258.
53. Dukanovic, J., Dimmer, K.S., Bonnefoy, N., Krumpe, K., and Rapaport, D. 2009. Genetic and functional interactions between the mitochondrial outer membrane proteins Tom6 and Sam37. *Mol. Cell. Biol.* 29:5975-5988.
54. Durrens, P., Nikolski, M., and Sherman, D. 2008. Fusion and fission of genes define a metric between fungal genomes. *PLoS Comput. Biol.* 4:e1000200.
55. Elstner, M., Andreoli, C., Klopstock, T., Meitinger, T., and Prokisch, H. 2009. The mitochondrial proteome database: MitoP2. *Meth. Enzymol.* 457:3-20.
56. Ferguson-Smith, A.C., Greally, J.M., and Martienssen, R.A. (eds.). 2008. *Epigenomics*. Springer. xiv, 438 p.
57. Fischle, W. 2008. Talk is cheap-cross-talk in establishment, maintenance, and readout of chromatin modifications. *Genes Dev.* 22:3375-3382.
58. Fleissner, A., Diamond, S., and Glass, N.L. 2009. The *Saccharomyces cerevisiae* PRM1 homolog in *Neurospora crassa* is involved in vegetative and sexual cell fusion events but also has postfertilization functions. *Genetics* 181:497-510.
59. Fleissner, A., Leeder, A.C., Roca, M.G., Read, N.D., and Glass, N.L. 2009. Oscillatory recruitment of signaling proteins to cell tips promotes coordinated behavior during cell fusion. *Proc. Natl. Acad. Sci. USA* 106:19387-19392.
60. Flurkey, W.H., and Inlow, J.K. 2008. Proteolytic processing of polyphenol oxidase from plants and fungi. *J. Inorg. Biochem.* 102:2160-2170.
61. Francis, K., and Gadda, G. 2009. Inflated kinetic isotope effects in the branched mechanism of *Neurospora crassa* 2-nitropropane dioxygenase. *Biochemistry* 48:2403-2410.
62. Francis, K., and Gadda, G. 2009. Kinetic evidence for an anion binding pocket in the active site of nitronate monooxygenase. *Bioorg Chem* 37:167-172.
63. Freitas, F.Z., Paula, R.M., Barbosa, L.C., Terenzi, H.F., and Bertolini, M.C. 2009. cAMP signaling pathway controls glycogen metabolism in *Neurospora crassa* by regulating the glycogen synthase gene expression and phosphorylation. *Fungal Genet. Biol.* doi:10.1016/j.fgb.2009.10.011
64. Gadda, G., and Francis, K. 2009. Nitronate monooxygenase, a model for anionic flavin semiquinone intermediates in oxidative catalysis. *Arch. Biochem. Biophys.* doi:10.1016/j.abb.2009.06.018
65. Gamsby, J.J., Loros, J.J., and Dunlap, J.C. 2009. A phylogenetically conserved DNA damage response resets the circadian clock. *J. Biol. Rhythms* 24:193-202.
66. Gellerman, G., Pariente, N., Paz, Z., Shnaiderman, A., and Yarden, O. 2009. Synthesis and antifungal activity of beta-trifluoroalkyl aminovinyl ketone derivatives. *J. Agric. Food Chem.* 57:8303-8307.
67. Gentz, P.M., Blatch, G.L., and Dorrington, R.A. 2009. Dimerization of the yeast eukaryotic translation initiation factor 5A requires hypusine and is RNA dependent. *FEBS J.* 276:695-706.
68. Gerard, C., Gonze, D., and Goldbeter, A. 2009. Dependence of the period on the rate of protein degradation in minimal models for circadian oscillations. *Philos. Transact. A Math. Phys. Eng. Sci.* 367:4665-4683.
69. Gras, D.E., Silveira, H.C., Peres, N.T., Sanches, P.R., Martinez-Rossi, N.M., and Rossi, A. 2009. Transcriptional changes in the *nuc-2A* mutant strain of *Neurospora crassa* cultivated under conditions of phosphate shortage. *Microbiol. Res.* 164:658-664.

70. Gronenborn, A.M. 2009. Structures of CVNH family lectins. In: Biophysics and the Challenges of Emerging Threats. Puglisi, J.D. (ed): Springer, pp. 43-50.
71. Guo, J., Cheng, P., Yuan, H., and Liu, Y. 2009. The exosome regulates circadian gene expression in a posttranscriptional negative feedback loop. *Cell* 138:1236-1246.
72. Gurnoor, K., Neelam, V., and Wheatley, D.N. 2008. Comparison of various cell disruption techniques for the extraction of arginase from *Neurospora crassa*. *Res. J. Biotechnol.* 3:39-44.
73. Harris, S.D. 2008. Branching of fungal hyphae: regulation, mechanisms and comparison with other branching systems. *Mycologia* 100:823-832.
74. Hatakeyama, S., Atsuko, I., Mika, Y., Yunxia, H., Shuuitsu, T., and Hirokazu, I. 2008. *Neurospora crassa* mus-16 gene encodes *Saccharomyces cerevisiae* Rtt109 homolog. *Genes Genet. Syst.* 83:480-480.
75. Hawkins, P.G., and Morris, K.V. 2008. RNA and transcriptional modulation of gene expression. *Cell Cycle* 7:602-607.
76. Heffler, E., Nebiolo, F., Pizzimenti, S., Ferlini, M., Marchese, C., and Rolla, G. 2009. Occupational asthma caused by *Neurospora sitophila* sensitization in a coffee dispenser service operator. *Ann. Allergy Asthma Immunol.* 102:168-169.
77. Held, M., Edwards, C. and Nicolau, D. 2009. Fungal intelligence; or on the behaviour of microorganisms in confined micro-environments. *J. Phys. Conf. Ser.* 178: art. no. 012005.
78. Held, M., Komaromy, A., Fulga, F., Edwards, C., Boysen, R.I., Hearn, M.T.W., and Nicolau, D.V. 2009. Dynamic behaviour of microorganisms on microstructures. *Microelectronic Eng.* 86:1455-1458.
79. Herter, J.M.G.A. 2008. Untersuchungen zur funktion von FKBP13 in *Neurospora crassa*. Untersuchung der proteininteraktionen von NcFKBP13 und screening nach einem phänotyp einer FKBP13 deletionsmutante. Thesis (Ph.D)--Albert-Ludwigs-Universität. 99 p.
80. Hiltunen, J.K., Schonauer, M.S., Autio, K.J., Mittelmeier, T.M., Kastaniotis, A.J., and Dieckmann, C.L. 2009. Mitochondrial fatty acid synthesis type II: more than just fatty acids. *J. Biol. Chem.* 284:9011-9015.
81. Honda, S., and Selker, E.U. 2009. Tools for fungal proteomics: multifunctional *Neurospora* vectors for gene replacement, protein expression and protein purification. *Genetics* 182:11-23.
82. Hong, C.I., Zamborszky, J., and Csikasz-Nagy, A. 2009. Minimum criteria for DNA damage-induced phase advances in circadian rhythms. *PLoS Comput. Biol.* 5:e1000384.
83. Hood, H.M., Neafsey, D.E., Galagan, J., and Sachs, M.S. 2009. Evolutionary roles of upstream open reading frames in mediating gene regulation in fungi. *Annu. Rev. Microbiol.* 63:385-409.
84. Hood, H.M., Radford, A. and Sachs, M.S. 2008. Recommendations for assigning symbols and names to *Neurospora crassa* genes now that its genome has been sequenced. *Fungal Genet. Reports* 55:29-31
85. Hutchison, E., Brown, S., Tian, C., and Glass, N.L. 2009. Transcriptional profiling and functional analysis of heterokaryon incompatibility in *Neurospora crassa* reveals that ROS, but not metacaspases, are associated with programmed cell death. *Microbiology*. doi:10.1099/mic.0.032284-0
86. Ivashchenko, A.T., Tauasarova, M.I., and Atambayeva, S.A. 2009. Exon-intron structure of genes in complete fungal genomes. *Mol. Biol.* 43:24-31.
87. Iyer, S.V., Ramakrishnan, M., and Kasbekar, D.P. 2009. *Neurospora crassa* fmf-1 encodes the homologue of the *Schizosaccharomyces pombe* Ste11p regulator of sexual development. *J. Genet.* 88:33-39.
88. Jha, N., Mohanka, R., and Azad, R. 2009. Antifungal Investigation of the constituents of *Moringa oleifera* lamk. root bark extract. *Asian J. Chem.* 21:7437-7439.

89. Jones, C.A. 2008. Two-component signaling pathways in the filamentous fungus, *Neurospora crassa*. Thesis (Ph.D.)--University of California, Riverside, xii, 198 leaves.
90. Jonkers, W., and Rep, M. 2009. Lessons from fungal F-Box proteins. *Eukaryotic Cell* 8:677-695.
91. Jun-fang, L., Zhi-ming, L., Xiao-yang, C., Li-qiong, G., and Jie, W. 2009. [Evaluation of assay methods for determining fungal laccase activity]. *Shengwu Jiagong Guocheng* 7:1-8.
92. Justa-Schuch, D., Schmitz, C., and Seiler, S. 2009. Distinct functions of two RHO4 exchange factors during septum formation in *Neurospora crassa*. *Eur. J. Cell Biol.* 88:57-57.
93. Kasuga, T., Mannhaupt, G., and Glass, N.L. 2009. Relationship between phylogenetic distribution and genomic features in *Neurospora crassa*. *PLoS One* 4:e5286.
94. Kaur, G., Verma, N., and Wheatley, D.N. 2009. Production and over-expression of arginase with enhanced enzyme activity by an efficient recombinant *Escherichia coli* system. *Romanian Biotechnological Letters* 14:4334-4341.
95. Kaushik, G., and Thakur, I.S. 2009. Isolation of fungi and optimization of process parameters for decolorization of distillery mill effluent. *World J. Microbiol. Biotechnol.* 25:955-964.
96. Keeney, S. 2009. Meiosis, Vol 2: Cytological Methods. Totowa NJ: Humana Press. 446 p.
97. Khan, A.A.H., Karuppayil, S.M., Manoharachary, C., Kunwar, I.K., and Waghray, S. 2009. Isolation, identification and testing for allergenicity of fungi from air-conditioned indoor environments. *Aerobiologia* 25:119-123.
98. Kim, T.S. 2009. Understanding the genetic basis of natural variation in the regulation of circadian clock of *Neurospora crassa*. Thesis (Ph.D.)--Cornell University, xii, 153 leaves.
99. Kiran, I., Ilhan, S., Caner, N., Iscen, C.F., and Yildiz, Z. 2009. Biosorption properties of dried *Neurospora crassa* for the removal of Burazol Blue ED dye. *Desalination* 249:273-278.
100. Kiranmayi, P., Tiwari, A., Sagar, K.P., Haritha, A., and Mohan, P.M. 2009. Functional characterization of *tzn1* and *tzn2*-zinc transporter genes in *Neurospora crassa*. *Biometals* 22:411-420.
101. Kito, H., Fujikawa, T., Moriwaki, A., Tomono, A., Izawa, M., Kamakura, T., Ohashi, M., Sato, H., Abe, K., and Nishimura, M. 2008. MgLig4, a homolog of *Neurospora crassa* Mus-53 (DNA ligase IV), is involved in, but not essential for, non-homologous end-joining events in *Magnaporthe grisea*. *Fungal Genet. Biol.* 45:1543-1551.
102. Kurashima, K., Kato, A., Sawada, S., Hatakeyama, S., Tanaka, S., and Inoue, H. 2008. Novel gene of which mutation causes the hyphal growth defect, encodes the F-box protein in *Neurospora*. *Genes Genet. Syst.* 83:480-480.
103. Kutter, S. 2009. Die regulation der pyruvatdecarboxylasen aus den schlauchpilzen *Kluyveromyces lactis*, *Saccharomyces cerevisiae* und *Neurospora crassa*. Halle (Saale), Univ., Diss. 129, [125] Bl.
104. Lamb, J.S., Zoltowski, B.D., Pabit, S.A., Li, L., Crane, B.R., and Pollack, L. 2009. Illuminating solution responses of a LOV domain protein with photocoupled small-angle X-ray scattering. *J. Mol. Biol.* 393:909-919.
105. Lambrechts, R., Shi, M., Belden, W.J., DeCaprio, D., Park, D., Henn, M.R., Galagan, J.E., Basturkmen, M., Birren, B.W., Sachs, M.S., Dunlap, J.C., and Loros, J.J. 2009. A high-density single nucleotide polymorphism map for *Neurospora crassa*. *Genetics* 181:767-781.
106. Larrondo, L.F., Colot, H.V., Baker, C.L., Loros, J.J., and Dunlap, J.C. 2009. Fungal functional genomics: tunable knockout-knock-in expression and tagging strategies. *Eukaryotic Cell* 8:800-804.
107. Leal, J., Squina, F.M., Freitas, J.S., Silva, E.M., Ono, C.J., Martinez-Rossi, N.M., and Rossi, A. 2009. A splice variant of the *Neurospora crassa hex-1* transcript, which encodes the major protein of the Woronin body, is modulated by extracellular phosphate and pH changes. *FEBS Lett.* 583:180-184.
<https://newprairiepress.org/fgr/vol56/iss1/5>

108. Lee, B., Yoshida, Y., and Hasunuma, K. 2009. Nucleoside diphosphate kinase-1 regulates hyphal development via the transcriptional regulation of catalase in *Neurospora crassa*. FEBS Lett. 583:3291-3295.
109. Lee, D.W., Freitag, M., Selker, E.U., and Aramayo, R. 2008. A cytosine methyltransferase homologue is essential for sexual development in *Aspergillus nidulans*. PLoS One 3:e2531.
110. Lee, H.C., Chang, S.S., Choudhary, S., Aalto, A.P., Maiti, M., Bamford, D.H., and Liu, Y. 2009. qRNA is a new type of small interfering RNA induced by DNA damage. Nature 459:274-U163.
111. Lew, R.R., and Kapishon, V. 2009. Ptk2 contributes to osmoadaptation in the filamentous fungus *Neurospora crassa*. Fungal Genet. Biol. 46:949-955.
112. Lew, R.R., and Nasserifar, S. 2009. Transient responses during hyperosmotic shock in the filamentous fungus *Neurospora crassa*. Microbiology 155:903-911.
113. Lewis, Z.A., Honda, S., Khlafallah, T.K., Jeffress, J.K., Freitag, M., Mohn, F., Schubeler, D., and Selker, E.U. 2009. Relics of repeat-induced point mutation direct heterochromatin formation in *Neurospora crassa*. Genome Res. 19:427-437.
114. Liu, N., Huang, Q.J., Hui, Z., Liang, Y.T., Yu, C.H., and Qu, L.H. 2009. Identification, expression and functional analysis of U3 snoRNA genes from *Neurospora crassa*. Prog. Nat. Sci. 19:167-172.
115. Liu, N., Xiao, Z.D., Yu, C.H., Shao, P., Liang, Y.T., Guan, D.G., Yang, J.H., Chen, C.L., Qu, L.H., and Zhou, H. 2009. SnoRNAs from the filamentous fungus *Neurospora crassa*: structural, functional and evolutionary insights. BMC Genomics 10:515.
116. Low, W. and G. Jedd. 2008. An improved plasmid for transformation of *Neurospora crassa* using the *pan-2* gene as a selectable marker. Fungal Genet. Reports 55:44-45
117. MacLean, D., Jones, J.D.G., and Studholme, D.J. 2009. Application of 'next-generation' sequencing technologies to microbial genetics. Nat. Rev. Microbiol. 7:287-296.
118. Maddi, A., Bowman, S.M., and Free, S.J. 2009. Trifluoromethanesulfonic acid-based proteomic analysis of cell wall and secreted proteins of the ascomycetous fungi *Neurospora crassa* and *Candida albicans*. Fungal Genet. Biol. 46:768-781.
119. Maerz, S., Dettmann, A., Ziv, C., Liu, Y., Valerius, O., Yarden, O., and Seiler, S. 2009. Two NDR kinase-MOB complexes function as distinct modules during septum formation and tip extension in *Neurospora crassa*. Mol. Microbiol. 74:707-723.
120. Malik, H.S., and Henikoff, S. 2009. Major evolutionary transitions in centromere complexity. Cell 138:1067-1082.
121. Mason, A.J., Moussaoui, W., Abdelrahman, T., Boukhari, A., Bertani, P., Marquette, A., Shooshtarizaheh, P., Moulay, G., Boehm, N., Guerold, B., Sawers, R.J.H., Kichler, A., Metz-Boutique, M.-H., Candolfi, E., Prevost, G., and Bechinger, B. 2009. Structural determinants of antimicrobial and antiplasmodial activity and selectivity in histidine-rich amphipathic cationic peptides. J. Biol. Chem. 284:119-133.
122. McCluskey, K. and Plamann, M. 2008. Perspectives on genetic resources at the Fungal Genetics Stock Center. Fungal Genet. Reports 55:15-17.
123. Mehra, A., Baker, C.L., Loros, J.J., and Dunlap, J.C. 2009. Post-translational modifications in circadian rhythms. Trends Biochem. Sci. 34:483-490.
124. Mehra, A., Shi, M., Baker, C.L., Colot, H.V., Loros, J.J., and Dunlap, J.C. 2009. CK2 and temperature compensation in *Neurospora*. Sleep Biol. Rhythms 7:162-171.
125. Mehra, A., Shi, M., Baker, C.L., Colot, H.V., Loros, J.J., and Dunlap, J.C. 2009. A role for casein kinase 2 in the mechanism underlying circadian temperature compensation. Cell 137:749-760.

126. Menkis, A., Bastiaans, E., Jacobson, D.J., and Johannesson, H. 2009. Phylogenetic and biological species diversity within the *Neurospora tetrasperma* complex. *J. Evol. Biol.* 22:1923-1936.
127. Mercker, M., Kollath-Leiss, K., Allgaier, S., Weiland, N., and Kempken, F. 2009. The BEM46-like protein appears to be essential for hyphal development upon ascospore germination in *Neurospora crassa* and is targeted to the endoplasmic reticulum. *Curr. Genet.* 55:151-161.
128. Meyer, V., Arentshorst, M., Flitter, S.J., Nitsche, B.M., Kwon, M.J., Reynaga-Pena, C.G., Bartnicki-Garcia, S., van den Hondel, C., and Ram, A.F.J. 2009. Reconstruction of signaling networks regulating fungal morphogenesis by transcriptomics. *Eukaryotic Cell* 8:1677-1691.
129. Miyanaga, A., and Horinouchi, S. 2009. Enzymatic synthesis of bis-5-alkylresorcinols by resorcinol-producing type III polyketide synthases. *J. Antibiot.* 62:371-376.
130. Monzon, S., Gil, J., Ledesma, A., Ferrer, L., San Juan, S., and Abos, T. 2009. Occupational asthma IgE mediated due to *Chrysonilia sitophila* in coffee industry. *Allergy* 64:1686-1687.
131. Morris, K.V. 2009. Regulation of gene expression by RNA-mediated transcriptional gene silencing. In: regulation of gene expression by small RNAs. Gaur, R.K. (ed). Boca Raton FL: CRC Press, pp. 405-417.
132. Murthy, P.S., Naidu, M.M., and Srinivas, P. 2009. Production of alpha-amylase under solid-state fermentation utilizing coffee waste. *J. Chem. Technol. Biotechnol.* 84:1246-1249.
133. Nagy, B. 2009. Analysis of the biological clock of *Neurospora*. *J. Comput. Appl. Math.* 226:298-305.
134. Nakayashiki, H., and Nguyen, Q.B. 2008. RNA interference: roles in fungal biology. *Curr. Opin. Microbiol.* 11:494-502.
135. Ndakum Ndonwi, M.B. 2008. Senescence and mitochondrial-nuclear communication in retroplasmid-containing strains of *Neurospora crassa*. Thesis (Ph.D.)--Saint Louis University. 128 p.
136. Neiss, A. 2008. Charakterisierung von white collar-2 und seinen proteinisoformen in der circadianen uhr von *Neurospora crassa*. Heidelberg Univ., Diss. V, 117 Bl.
137. Ng, S.K., Liu, F., Lai, J., Low, W., and Jedd, G. 2009. A tether for Woronin body inheritance is associated with evolutionary variation in organelle positioning. *PLoS Genet.* 5:e1000521.
138. Nitschke, M., Costa, S.G., and Contiero, J. 2009. Structure and applications of a rhamnolipid surfactant produced in soybean oil waste. *Appl. Biochem. Biotechnol.* doi:10.1007/s12010-009-8707-8
139. Nobre, T.M., de Sousa e Silva, H., Furriel, R.P., Leone, F.A., Miranda, P.B., and Zaniquelli, M.E. 2009. Molecular view of the interaction between iota-carrageenan and a phospholipid film and its role in enzyme immobilization. *J. Phys. Chem. B* 113:7491-7497.
140. Nolting, N., Bernhards, Y., and Poggeler, S. 2009. SmATG7 is required for viability in the homothallic ascomycete *Sordaria macrospora*. *Fungal Genet. Biol.* 46:531-542.
141. Nowrousian, M. 2009. A novel polyketide biosynthesis gene cluster is involved in fruiting body morphogenesis in the filamentous fungi *Sordaria macrospora* and *Neurospora crassa*. *Curr. Genet.* 55:185-198.
142. Okoh, A.I., and Tian, G. 2008. Dynamics of culturable soil microbial communities during decomposition of some agroforestry species in a semi arid and arid tropical agroecozones of West Africa. *Afr. J. Biotechnol.* 7:3693-3699.
143. Okungbowa, F.I., and Osagie, M. 2009. Mycoflora of sun-dried sweet potato (*Ipomoea batatas* L.) slices in Benin City, Nigeria. *Afr. J. Biotechnol.* 8:3326-3331.
144. Ouellet, J., Byrne, M., and Lilley, D.M.J. 2009. Formation of an active site in trans by interaction of two complete Varkud Satellite ribozymes. *RNA* 15:1822-1826.
<https://newprairiepress.org/fgr/vol56/iss1/5>

145. Palma-Guerrero, J., Huang, I.C., Jansson, H.B., Salinas, J., Lopez-Llorca, L.V., and Read, N.D. 2009. Chitosan permeabilizes the plasma membrane and kills cells of *Neurospora crassa* in an energy dependent manner. *Fungal Genet. Biol.* 46:585-594.
146. Pearson, M.N., Beever, R.E., Boine, B., and Arthur, K. 2009. Mycoviruses of filamentous fungi and their relevance to plant pathology. *Mol. Plant Pathol.* 10:115-128.
147. Pereira, R.C., and Said, S. 2009. Alterations in growth and branching of *Neurospora crassa* caused by sub-inhibitory concentrations of antifungal agents. *Rev. Argent. Microbiol.* 41:39-44.
148. Pilsyk, S., and Paszewski, A. 2009. Sulfate permeases - phylogenetic diversity of sulfate transport. *Acta Biochimica Polonica* 56:375-384.
149. Plamann, M. 2009. Cytoplasmic streaming in Neurospora: disperse the plug to increase the flow? *PLoS Genet.* 5:e1000526.
150. Pomraning, K.R., Smith, K.M., and Freitag, M. 2009. Genome-wide high throughput analysis of DNA methylation in eukaryotes. *Methods* 47:142-150.
151. Prat, C., Ruiz-Rueda, O., Trias, R., Antico, E., Capone, D., Sefton, M., and Baneras, L. 2009. Molecular fingerprinting by PCR-denaturing gradient gel electrophoresis reveals differences in the levels of microbial diversity for musty-earthy tainted corks. *Appl. Environ. Microbiol.* 75:1922-1931.
152. Pratt, R.J., II 2008. Meiotic trans-sensing and meiotic silencing in *Neurospora crassa*. Thesis (Ph.D.)--Texas A&M University, 194 p.
153. Qi, F.H., Jing, T.Z., Wang, Z.X., and Zhan, Y.G. 2009. Fungal endophytes from *Acer ginnala* Maxim: isolation, identification and their yield of gallic acid. *Lett. Appl. Microbiol.* 49:98-104.
154. Radermacher, M. 2009. Visualizing functional flexibility by three-dimensional electron microscopy: reconstructing complex i of the mitochondrial respiratory chain. *Meth. Enzymol.* 456:3-27.
155. Raju, N.B. 2009. Neurospora as a model fungus for studies in cytogenetics and sexual biology at Stanford. *J. Biosci.* 34:139-159.
156. Ramos-Garcia, S.L., Roberson, R.W., Freitag, M., Bartnicki-Garcia, S., and Mourino-Perez, R.R. 2009. Cytoplasmic bulk flow propels nuclei in mature hyphae of *Neurospora crassa*. *Eukaryotic Cell.* doi:10.1128/EC.00062-09
157. Rathert, P., Dhayalan, A., Ma, H., and Jeltsch, A. 2008. Specificity of protein lysine methyltransferases and methods for detection of lysine methylation of non-histone proteins. *Mol. Biosyst.* 4:1186-1190.
158. Read, N.D., Lichius, A., Shoji, J.Y., and Goryachev, A.B. 2009. Self-signalling and self-fusion in filamentous fungi. *Curr. Opin. Microbiol.* 12:608-615.
159. Resheat-Eini, Z., Zelter, A., Gorovits, R., Read, N.D. and Yarden, O. 2008. The *Neurospora crassa* colonial temperature sensitive 2, 4 and 5 (*cot-2*, *cot-4* and *cot-5*) genes encode regulatory and structural proteins required for hyphal elongation and branching. *Fungal Genet. Reports* 55:32-36
160. Romero-Noguera, J., Bolivar-Galiano, F.C., Ramos-Lopez, J.M., Fernandez-Vivas, M.A., and Martin-Sanchez, I. 2008. Study of biodeterioration of diterpenic varnishes used in art painting: colophony and Venetian turpentine. *Int. Biodeterior. Biodegradation* 62:427-433.
161. Roper, M., Pepper, R.E., Brenner, M.P., and Pringle, A. 2008. Explosively launched spores of ascomycete fungi have drag-minimizing shapes. *Proc. Natl. Acad. Sci. USA* 105:20583-20588.
162. Rosbash, M. 2009. The implications of multiple circadian clock origins. *PLoS Biol.* 7:421-425.
163. Rostovtseva, T.K., Sheldon, K.L., Hassanzadeh, E., Monge, C., Saks, V., Bezrukov, S.M., and Sackett, D.L. 2008.

Tubulin binding blocks mitochondrial voltage-dependent anion channel and regulates respiration. Proc. Natl. Acad. Sci. USA 105:18746-18751.

164. Rountree, M.R., and Selker, E.U. 2009. Genome defense: the *Neurospora* paradigm. In: Epigenomics. Ferguson-Smith, A., Greally, J. and Martienssen, R. (eds). Springer, pp. 321-341.
165. Sancar, G., Sancar, C., Brunner, M., and Schafmeier, T. 2009. Activity of the circadian transcription factor White Collar complex is modulated by phosphorylation of SP-motifs. FEBS Lett. 583:1833-1840.
166. Sandmann, G. 2009. Evolution of carotene desaturation: The complication of a simple pathway. Arch. Biochem. Biophys. 483:169-174.
167. Schaefer, C.B., Goll, M.G., and Bestor, T.H. 2008. Genome defense. In: Evolutionary Genomics and Proteomics. Pagel, M. (ed). Sunderland MA: Sinauer Associates, pp. 167-191.
168. Schafmeier, T., Diernfellner, A., Schafer, A., Dintsis, O., Neiss, A., and Brunner, M. 2008. Circadian activity and abundance rhythms of the *Neurospora* clock transcription factor WCC associated with rapid nucleo-cytoplasmic shuttling. Genes Dev. 22:3397-3402.
169. Schneider, K., Perrino, S., Oelhafen, K., Li, S., Zatsepin, A., Lakin-Thomas, P., and Brody, S. 2009. Rhythmic conidiation in constant light in *vivid* mutants of *Neurospora crassa*. Genetics 181:917-931.
170. Scott, B., and Eaton, C.J. 2008. Role of reactive oxygen species in fungal cellular differentiations. Curr. Opin. Microbiol. 11:488-493.
171. Shen, Y.Q., and Burger, G. 2009. Plasticity of a key metabolic pathway in fungi. Funct. Integr. Genomics 9:145-151.
172. Shi, J.C., and Lang, X.F. 2009. Enhancement of internal stochastic resonance in *Neurospora* circadian clock system: multiplicative and additive noises effects. Acta Physica Sinica 58:4281-4287.
173. Siahbazi, M. 2008. Gel-mobility assays of cysteine mutants in the C-terminus region of the *Neurospora crassa* large subunit of ribonucleotide reductase. Thesis (M.Sc.)--Carleton University. vi, 75 leaves.
174. Singh, P.K., Iyer, S.V., Ramakrishnan, M., and Kasbekar, D.P. 2009. Chromosome segment duplications in *Neurospora crassa*: barren crosses beget fertile science. Bioessays 31:209-219.
175. Skamnioti, P., Furlong, R.F., and Gurr, S.J. 2008. The fate of gene duplicates in the genomes of fungal pathogens. Commun. Integr. Biol. 1:196-198.
176. Smith, A.C., and Robinson, A.J. 2009. MitoMiner, an integrated database for the storage and analysis of mitochondrial proteomics data. Mol. Cell. Proteomics 8:1324-1337.
177. Sowjanya, T.N., and Mohan, P.M. 2009. A calcium binding protein from cell wall of *Neurospora crassa*. J. Basic Microbiol. 49:371-376.
178. Spee, R.E. 2009. Modeling circadian rhythms in *Neurospora crassa*. Scriptie Wageningen Universiteit. 68 p.
179. Squina, F.M., Leal, J., Cipriano, V.T., Martinez-Rossi, N.M., and Rossi, A. 2009. Transcription of the *Neurospora crassa* 70-kDa class heat shock protein genes is modulated in response to extracellular pH changes. Cell Stress Chaperones. 10.1007/s12192-009-0131-z
180. Subramanian, S., Cho, U.H., Keyes, C., and Yu, O. 2009. Distinct changes in soybean xylem sap proteome in response to pathogenic and symbiotic microbe interactions. BMC Plant Biol. 9:119.
181. Sudbery, P.E., and Gladfelter, A.S. 2008. Pathocycles. Fungal Genet. Biol. 45:1-5.
182. Suei, S.H.Y. 2008. The role of actin in hyphal tip growth. Thesis (Ph.D.)--University of Canterbury. xvii, 184 leaves.

183. Sun, P.N., Zhou, X.L., and Wang, Z.X. 2009. [Application of bioinformatics analysis of signal peptide in the identification of *Neurospora crassa* phyA gene]. *Nan Fang Yi Ke Da Xue Xue Bao* 29:1098-1101.
184. Takahashi, M., Yamashita, K., Shiozawa, A., Fukumori, F., Ichiiishi, A., and Fujimura, M. 2008. Transcription factor NAP-1 regulates glutathione S-transferase genes in *Neurospora crassa*. *Genes Genet. Syst.* 83:504-504.
185. Tamuli, R., Kasbekar, D.P. 2009. Corrigendum: Dominant suppression of repeat-induced point mutation in *Neurospora crassa* by a variant catalytic subunit of DNA polymerase- ζ (Genetics 178, (1169-1176)) *Genetics* 183:407.
186. Tang, C.T., Li, S., Long, C., Cha, J., Huang, G., Li, L., Chen, S., and Liu, Y. 2009. Setting the pace of the *Neurospora* circadian clock by multiple independent FRQ phosphorylation events. *Proc. Natl. Acad. Sci. USA* 106:10722-10727.
187. Ter-Hovhannisyan, V., Lomsadze, A., Chernoff, Y.O., and Borodovsky, M. 2008. Gene prediction in novel fungal genomes using an ab initio algorithm with unsupervised training. *Genome Res.* 18:1979-1990.
188. Tewari, S. 2008. Construction of high-resolution likelihood-based integrated genetic and physical map of *Neurospora crassa*. Thesis (Ph. D.)--University of Georgia. xiii, 162 leaves.
189. Toth, V., Antal, K., Gyemant, G., Miskei, M., Pocsi, I., and Emri, T. 2009. Optimization of coprogen production in *Neurospora crassa*. *Acta. Biol. Hung.* 60:321-328.
190. Turner, B.M. 2009. Epigenetic responses to environmental change and their evolutionary implications. *Philos. Trans. R. Soc. Lond., B, Biol. Sci.* 364:3403-3418.
191. Uchiyama, Y., Takeuchi, R., Kodera, H., and Sakaguchi, K. 2009. Distribution and roles of X-family DNA polymerases in eukaryotes. *Biochimie* 91:165-170.
192. van Diepeningen, A.D., Pal, K., van der Lee, T.A., Hoekstra, R.F., and Debets, A.J. 2009. The *het-c* heterokaryon incompatibility gene in *Aspergillus niger*. *Mycol. Res.* 113:222-229.
193. Vancov, T., and Keen, B. 2009. Amplification of soil fungal community DNA using the ITS86F and ITS4 primers. *FEMS Microbiol. Lett.* 296:91-96.
194. Verdin, J., Bartnicki-Garcia, S., and Riquelme, M. 2009. Functional stratification of the Spitzenkorper of *Neurospora crassa*. *Mol. Microbiol.* 74:1044-1053
195. Veses, V., Richards, A., and Gow, N.A.R. 2008. Vacuoles and fungal biology. *Curr. Opin. Microbiol.* 11:503-510.
196. Videira, A., Kasuga, T., Tian, C., Lemos, C., Castro, A., and Glass, N.L. 2009. Transcriptional analysis of the response of *Neurospora crassa* to phytosphingosine reveals links to mitochondrial function. *Microbiology* 155:3134-3141.
197. Virdi, A.S., Thakur, A., Dutt, S., Kumar, S., and Singh, P. 2009. A sorghum 85 kDa heat stress-modulated protein shows calmodulin-binding properties and cross-reactivity to anti-*Neurospora crassa* Hsp 80 antibodies. *FEBS Lett.* 583:767-770.
198. Virshup, D.M., and Forger, D.B. 2009. Keeping the beat in the rising heat. *Cell* 137:602-604.
199. Vogt, N. 2008. Governing fungal polar cell extension: Analysis of Rho GTPase and NDR kinase signalling in *Neurospora crassa*. Dissertation zur Erlangung des Doktortitels, Georg-August-Universität Göttingen. v, 95 p.
200. Wakabayashi, M., Inoue, H., and Tanaka, S. 2008. Different roles of two CHK2 homologues of *Neurospora crassa*. *Genes Genet. Syst.* 83:480-480.
201. Wakabayashi, M., Ishii, C., Inoue, H., and Tanaka, S. 2008. Genetic analysis of CHK1 and CHK2 homologues revealed a unique cross talk between ATM and ATR pathways in *Neurospora crassa*. *DNA Repair* 7:1951-1961.

202. Wang, Y., and Zhang, Y.H. 2009. Cell-free protein synthesis energized by slowly-metabolized maltodextrin. *BMC Biotechnol.* 9:58.
203. Watters, M.K., Lindamood, E., Meunich, M., and Vetro, R. 2008. Strain-dependent relationship between growth rate and hyphal branching in *Neurospora crassa*. *Proc. Indiana Acad. Sci.* 117:1-6.
204. Wiest, A., Plamann, M., and McCluskey, K. 2008. Demonstration that the *Neurospora crassa* mutation *un-4* is a single nucleotide change in the *tim16* gene encoding a subunit of the mitochondrial inner membrane translocase. *Fungal Genet. Reports* 55:37-39
205. Williams, T.A., Wolfe, K.H., and Fares, M.A. 2009. No rosetta stone for a sense-antisense origin of aminoacyl tRNA synthetase classes. *Mol. Biol. Evol.* 26:445-450.
206. Wu, C., Kim, Y.S., Smith, K.M., Li, W., Hood, H.M., Staben, C., Selker, E.U., Sachs, M.S., and Farman, M.L. 2009. Characterization of chromosome ends in the filamentous fungus *Neurospora crassa*. *Genetics* 181:1129-1145.
207. Wurtz, C., Schliebs, W., Erdmann, R., and Rottensteiner, H. 2008. Dynamin-like protein-dependent formation of Woronin bodies in *Saccharomyces cerevisiae* upon heterologous expression of a single protein. *FEBS J.* 275:2932-2941.
208. Yamashita, K., Takahashi, M., Watanabe, S., Fukumori, F., Ichiiishi, A., and Fujimura, M. 2008. MAP kinase cascade acts as one of the circadian output pathway in *Neurospora crassa*. *Genes Genet. Syst.* 83:503-503.
209. Yerushalmi, S., and Green, R.M. 2009. Evidence for the adaptive significance of circadian rhythms. *Ecol. Lett.* 12:970-981.
210. Yoshida, Y., and Hasunuma, K. 2008. Roles of reactive oxygen species in *Neurospora crassa* circadian rhythm. *Genes Genet. Syst.* 83:503-503.
211. Zhang, F., Liu, S., Lu, X., Guo, L., Zhang, H., and Che, Y. 2009. Allenyl and alkynyl phenyl ethers from the endolichenic fungus *Neurospora terricola*. *J. Nat. Prod.* 72:1782-1785.
212. Zhao, H., Woodyer, R., Simurdiaik, M., and van der Donk, W.A. 2009. Highly active xylose reductase from *Neurospora crassa*. In: Official Gazette of the United States Patent and Trademark Office. Office, U.S.P.a.T. (ed.).
213. Zickermann, V., Kerscher, S., Zwicker, K., Tocilescu, M.A., Radermacher, M., and Brandt, U. 2009. Architecture of complex I and its implications for electron transfer and proton pumping. *Biochim. Biophys. Acta Bioenerg.* 1787:574-583.
214. Zickler, D. 2009. Observing Meiosis in Filamentous Fungi: *Sordaria* and *Neurospora*. In: *Meiosis*, Vol 2: Cytological Methods. Keeney, S. (ed). Totowa NJ: Humana Press, pp. 91-114.
215. Ziv, C. 2008. The nature of filamentous growth as determined by altered regulation of COT1 and PKA, two AGC kinases, in *Neurospora crassa*. Thesis (Ph.D)--Hebrew University. vi, 110, 115, 114, iv p.
216. Ziv, C., Kra-Oz, G., Gorovits, R., Marz, S., Seiler, S., and Yarden, O. 2009. Cell elongation and branching are regulated by differential phosphorylation states of the nuclear Dbf2-related kinase COT1 in *Neurospora crassa*. *Mol. Microbiol.* 74:974-989
217. Zong, J., Yao, X., Yin, J.Y., Zhang, D.B., and Ma, H. 2009. Evolution of the RNA-dependent RNA polymerase (RdRP) genes: Duplications and possible losses before and after the divergence of major eukaryotic groups. *Gene* 447:29-39.

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