Neurospora Bibliography

Joseph C. Schmit
Southern Illinois University

Follow this and additional works at: <https://newprairiepress.org/fgr>

This work is licensed under a [Creative Commons Attribution-Share Alike 4.0 License](https://creativecommons.org/licenses/by-sa/4.0/).

Recommended Citation

Schmit, J. C. (1996) "Neurospora Bibliography," *Fungal Genetics Reports*: Vol. 43, Article 33.
<https://doi.org/10.4148/1941-4765.1329>

This Bibliography is brought to you for free and open access by New Prairie Press. It has been accepted for inclusion in Fungal Genetics Reports by an authorized administrator of New Prairie Press. For more information, please contact cads@k-state.edu.

Neurospora Bibliography

Abstract

Neurospora Bibliography

NEUROSPORA BIBLIOGRAPHY

Every attempt has been made to insure that the citations appear exactly as they do in the original publication. Entries for which the original could not be obtained for verification are indicated by (-). Copies of the bibliography are available on computer discs (please indicate format needed) or by E mail. Please send a copy of your publication to the Stock Center. All additions and corrections should be brought to the attention of Dr. Joseph C. Schmit, Medical Biochemistry, Southern Illinois University at Carbondale, Carbondale, Illinois 62901. (618) 453-6400 jschmit@som.siu.edu .

[Author index](#)

1. **Arganoza, M. T. and R. A. Akins.** 1995. A modified colony-filter-hybridization protocol for filamentous fungi. *Trends Genet.* **11**: 381-382.
2. **Aronson, B. D., K. A. Johnson and J. J. Loros.** 1994. Negative feedback defining a circadian clock: autoregulation of the clock gene *frequency*. *Science* **263**: 1578-1584.
3. **Arpaia, G., A. Carattoli and G. Macino.** 1995. Light and development regulate the expression of the albino-gene in *Neurospora crassa*. *Devel. Biol.* **170**: 626-635.
4. **Arpaia, G., J. J. Loros, J. C. Dunlap, G. Morelli and G. Macino.** 1995. Light induction of the clock-controlled gene *cgc-1* is not transduced through the circadian clock in *Neurospora crassa*. *Mol. Gen. Genet.* **247**: 157-163.
5. **Atkinson, I. J., F. E. Nargang and E. A. Cossins.** 1995. Folylpolyglutamate synthesis in *Neurospora crassa*: Transformation of polyglutamate-deficient mutants. *Phytochemistry* **38**: 603-608.
6. **Balasubramanian, S., J. R. Coggins and C. Abell.** 1995. Observation of a secondary tritium isotope effect in the chorismate synthase reaction. *Biochemistry* **34**: 341-348.
7. **Banerjee, U. C., Y. Chisti and M. Moo Young.** 1995. Effects of substrate particle size and alkaline pretreatment on protein enrichment by *Neurospora sitophila*. *Resources Conser. Recycl.* **13**: 139-146. (-)
8. **Bartley, G. E. and P. A. Scolnik.** 1995. Plant carotenoids: Pigments for photoprotection, visual attraction, and human health. *Plant Cell* **7**: 1027-1038.
9. **Beattie, T. L., J. E. Olive and R. A. Collins.** 1995. A secondary-structure model for the self-cleaving region of *Neurospora* VS RNA. *Proc. Nat. Acad. Sci. USA* **92**: 4686-4690.
10. **Beatty, N. P., M. L. Smith and N. L. Glass.** 1994. Molecular characterization of mating-type loci in selected homothallic species of *Neurospora*, *Gelasinospora* and *Anixiella*. *Mycol. Res.* **98**: 1309-1316.
11. **Bégueret, J., B. Turcq and C. Clavé.** 1994. Vegetative incompatibility in filamentous fungi: *het* genes begin to talk. *Trends Genet.* **10**: 441-446.

12. **Berbee, M. L. and J. W. Taylor.** 1995. From 18S ribosomal sequence data to evolution of morphology among the fungi. *Can. J. Bot.* **S73**: S677-S683.
13. **Berks, B. C., S. J. Ferguson, J. W. B. Moir and D. J. Richardson.** 1995. Enzymes and associated electron transport systems that catalyse the respiratory reduction of nitrogen oxides and oxyanions. *Biochim. Biophys. Acta* **1232**: 97-173.
14. **Bertrand, H.** 1995. Senescence is coupled to induction of an oxidative phosphorylation stress response by mitochondrial DNA mutations in *Neurospora*. *Can. J. Bot.* **73**: S198-S204.
15. **Bird, A. P.** 1995. Gene number, noise reduction and biological complexity. *Trends Genet.* **11**: 94-100.
16. **Boboye, B. E. and F. C. Adetuyi.** 1994. Fungal population associated with raw materials and intermediate products of lager beer produced from Nigerian sorghum grains. *J. Food Sci. Technol.* **31**: 148-150. (-)
17. **Bonini, B. M., M. J. Neves, J. A. Jorge and H. F. Terenzi.** 1995. Effects of temperature shifts on the metabolism of trehalose in *Neurospora crassa* wild type and a trehalase-deficient (*tre*) mutant. Evidence against the participation of periplasmic trehalase in the catabolism of intracellular trehalose. *Biochim. Biophys. Acta* **1245**: 339-347.
18. **Bowman, E. J., A. Steinhardt and B. J. Bowman.** 1995. Isolation of the *vma-4* gene encoding the 26 kDa subunit of the *Neurospora crassa* vacuolar ATPase. *Bioch. Biophys. Acta* **1237**: 95-98.
19. **Bowring, F. J. and D. E. A. Catcheside.** 1995. An economical strategy for chromosome walking in the *Neurospora crassa* pMOcosX library. *Fungal Genet. Newslett.* **42**: 18-20.
20. **Bramley, T. A., G. S. Menzies, R. J. Williams, O. S. Kinsman and D. J. Adams.** 1994. Specific binding sites for human luteinizing hormone in *Neurospora crassa* and *Saccharomyces cerevisiae*. *Mycol. Res.* **98**: 1229-1234.
21. **Braun, H. P., M. Emmermann, V. Kruft, M. Bödicker and U. K. Schmitz.** 1995. The general mitochondrial processing peptidase from wheat is integrated into the cytochrome *bc1*-complex of the respiratory chain. *Planta* **195**: 396-402.
22. **Braun, H. P. and U. K. Schmitz.** 1995. Are the 'core' proteins of the mitochondrial *bc1* complex evolutionary relics of a processing protease? *Trends Biochem. Sci.* **20**: 171-175.
23. **Brunelli, J. P.** 1995. Construction of a series of novel yeast expression vectors and their use in the cloning of *Neurospora crassa* cDNAs. *Dissert. Abstr.* **B 56**: 1807.
24. **Brunelli, J. P. and M. L. Pall.** 1995. A lambda/plasmid Cre/*lox* hybrid vector for large genomic (18kb) fragment insertions and fungal genomic library construction. *Fungal Genet. Newslett.* **42**: 2121-22.

25. **Carattoli, A., E. Kato, M. Rodriguez Franco, W. D. Stuart and G. Macino.** 1995. A chimeric light-regulated amino acid transport system allows the isolation of blue light regulator (*blr*) mutants of *Neurospora crassa*. Proc. Nat. Acad. Sci. USA **92**: 6612-6616.
26. **Chang, S.** 1995. The structure and function of the *Neurospora crassa* mta idiomorph. Dissert. Abstr. **B 56**: 643.
27. **Chaure, P. T. and I. F. Connerton.** 1995. Derepression of the glyoxylate cycle in mutants of *Neurospora crassa* accelerated for growth on acetate. Microbiology **141**: 1315-1320.
28. **Chen, H.** 1995. Molecular analysis of a *Neurospora crassa* heteromeric protein, AAB, that binds to the *am* (NADP-specific glutamate dehydrogenase) gene upstream regulatory sequence alpha. Dissert. Abstr. **B 55**: 3720.
29. **Chen, H. and J. A. Kinsey.** 1995. Purification of a heteromeric CCAAT binding protein from *Neurospora crassa*. Mol. Gen. Genet. **249**: 301-308.
30. **Chiang, T. Y. and G. A. Marzluf.** 1995. Binding affinity and functional significance of NIT2 and NIT4 binding sites in the promoter of the highly regulated *nit-3* gene, which encodes nitrate reductase in *Neurospora crassa*. J. Bacteriol. **177**: 6093-6099.
31. **Chow, C. M., S. Kang, R. L. Metzenberg and U. L. RajBhandary.** 1995. Sequence of the *met-10+* locus of *Neurospora crassa*: Homology to a sequence of unknown function in *Saccharomyces cerevisiae* chromosome 8. Gene **162**: 111-115.
32. **Cisar, C. R., D. O. TeBeest and F. W. Spiegel.** 1994. Sequence similarity of mating type idiomorphs: a method which detects similarity among the Sordariaceae fails to detect similar sequences in other filamentous ascomycetes. Mycologia **86**: 540-546.
33. **Cohen, P.** 1995. Why bread moulds are always on time. New Scientist **147**: 17.
34. **Corrochano, L. M., F. R. Lauter, D. J. Ebbole and C. Yanofsky.** 1995. Light and developmental regulation of the gene *con-10* of *Neurospora crassa*. Devel. Biol. **167**: 190-200.
35. **Crosthwaite, S. K., J. J. Loros and J. C. Dunlap.** 1995. Light-induced resetting of a circadian clock is mediated by a rapid increase in *frequency* transcript. Cell **81**: 1003-1012.
36. **Cyrklaff, M., M. Auer, W. Kühlbrandt and G. A. Scarborough.** 1995. 2-D structure of the *Neurospora crassa* plasma membrane ATPase as determined by electron cryomicroscopy. EMBO J. **14**: 1854-1857.
37. **David, R. H., P. Lieu and J. L. Ristow.** 1994. Neurospora mutants affecting polyamine-dependent processes and basic amino acid transport mutants resistant to the polyamine inhibitor, -difluoromethylornithine. Genetics **138**: 649-655.
38. **Davis, C. R.** 1994. The cloning and characterization of genes involved in amino acid metabolism in *Neurospora crassa* (*ser-1*, *pro-1*). Dissert. Abstr. **B 55**: 715.

39. **Davis, C. R., M. A. McPeck and C. R. McClung.** 1995. Molecular characterization of the *proline-1* (*pro-1*) locus of *Neurospora crassa*, which encodes Δ^1 -pyrroline-5-carboxylate reductase. *Mol. Gen. Genet.* **248**: 341-350.
40. **Davis, R. H. and J. L. Ristow.** 1995. Osmotic effects on the polyamine pathway of *Neurospora crassa*. *Exper. Mycol.* **19**: 314-319. (-)
41. **de Serres, F. J. and H. E. Brockman.** 1995. Ethylene oxide: Induction of specific-locus mutations in the *ad-3* region of heterokaryon 12 of *Neurospora crassa* and implications for genetic risk assessment of human exposure in the workplace. *Mutation Research* **328**: 31-47.
42. **de Serres, F. J. and H. V. Malling.** 1995. Triethylenemelamine: Induction of specific-locus mutations in the *ad-3* region of heterokaryon 12 of *Neurospora crassa*. *Mutation Research* **327**: 87-111.
43. **de Serres, F. J., H. V. Malling and T. M. Ong.** 1995. Comparison of the mutagenicity and mutagen specificity of ethylenimine with triethylenemelamine in the *ad-3* region of heterokaryon 12 of *Neurospora crassa*. *Mutation Research* **328**: 193-205.
44. **de Serres, F. J., H. V. Malling, B. B. Webber and H. E. Brockman.** 1995. Quantitative and qualitative aspects of spontaneous specific-locus mutation in the *ad-3* region of heterokaryon 12 of *Neurospora crassa*. *Mutation Research* **332**: 45-54.
45. **Dmochowska, A., P. Golik and P. P. Stepien.** 1995. The novel nuclear gene *DSS-1* of *Saccharomyces cerevisiae* is necessary for mitochondrial biogenesis. *Curr. Genet.* **28**: 108-112.
46. **Doetsch, P. W.** 1995. What's old is new: An alternative DNA excision repair pathway. *Trends Biochem. Sci.* **20**: 384-386.
47. **Dschida, W. J. A.** 1995. Structure and regulation of the vacuolar ATPase from *Neurospora crassa*. *Dissert. Abstr.* **B 55**: 118.
48. **Dschida, W. J. A. and B. J. Bowman.** 1995. The vacuolar ATPase: Sulfite stabilization and the mechanism of nitrate inactivation. *J. Biol. Chem.* **270**: 1557-1563.
49. **Duarte, M., R. Sousa and A. Videira.** 1995. Inactivation of Genes Encoding Subunits of the Peripheral and Membrane Arms of Neurospora Mitochondrial Complex I and Effects on Enzyme Assembly. *Genetics* **139**: 1211-1221.
50. **Ermolayeva, E. and D. Sanders.** 1995. Mechanism of pyrithione-induced membrane depolarization in *Neurospora crassa*. *Appl. Environ. Microbiol.* **61**: 3385-3390.
51. **Essers, A. J. A., M. H. J. Bennik and M. J. R. Nout.** 1995. Mechanisms of increased linamarin degradation during solid-substrate fermentation of cassava. *World J. Microbiol. Biotech.* **11**: 266-270. (-)

52. **Essers, A. J. A., C. Ebong, R. M. Van Der Grift, M. J. R. Nout, W. Otim Nape and H. Rosling.** 1995. Reducing cassava toxicity by heap-fermentation in Uganda. *J. Food Sci. Nut.* **46**: 125-136. (-)
53. **Essers, A. J. A., C. M. G. A. Jurgens and M. J. R. Nout.** 1995. Contribution of selected fungi to the reduction of cyanogen levels during solid substrate fermentation of cassava. *J. Food Microbiol.* **26**: 251-257. (-)
54. **Ferraro, J. S., F. M. Sulzman and J. A. Dorsett.** 1995. Alterations in growth rate associated with a normally persisting circadian rhythm during spaceflight. *Aviat. Space Environ. Med.* **66**: 1079-1085.
55. **Fossa, A., A. Beyer, E. Pfitzner, B. Wenzel and W. H. Kunau.** 1995. Molecular cloning, sequencing and sequence analysis of the *fox-2* gene of *Neurospora crassa* encoding the multifunctional beta-oxidation protein. *Mol. Gen. Genet.* **247**: 95-104.
56. **Fraser, M. J. and R. L. Low.** 1993. Fungal and mitochondrial nucleases, p. 171. *In* Nucleases, 2nd Edition, Cold Spring Harbor Laboratory Press, Cold Spring Harbor.
57. **Freitag, M. and M. S. Sachs.** 1995. A simple dot blot assay to measure hygromycin B phosphotransferase activity in whole cell extracts of *Neurospora crassa*. *Fungal Genet. Newslett.* **42**: 26-28.
58. **Fu, Y. H., B. Feng, S. Evans and G. A. Marzluf.** 1995. Sequence-specific DNA binding by NIT4, the pathway-specific regulatory protein that mediates nitrate induction in *Neurospora*. *Mol. Microbiol.* **15**: 935-942.
59. **Fujimura, M.** 1994. Mode of action of diethofencarb to benzimidazole-resistant strains in *Neurospora crassa*. *J. Pesticide Sci.* **19**: 333-334. (-)
60. **Garnand, K. and M. A. Nelson.** 1995. The effect of DNA structure and restriction enzymes on transformation efficiencies in *Neurospora crassa*. *Fungal Genet. Newslett.* **42**: 29-31.
61. **Gibbons, I. R.** 1995. Dynein family of motor proteins: Present status and future questions. *Cell Motility and the Cytoskeleton* **32**: 136-144. (-)
62. **Glass, N. L. and G. C. Donaldson.** 1995. Development of primer sets designed for use with the PCR to amplify conserved genes from filamentous Ascomycetes. *Appl. Environ. Microbiol.* **61**: 1323-1330.
63. **Glass, N. L. and M. A. Nelson.** 1994. Mating-type genes in mycelial ascomycetes, p. 295-306. *In* Wessels and Meinhardt (ed.), *The Mycota I: Growth, Differentiation and Sexuality*, Springer-Verlag, Berlin.
64. **González, C., N. Brito and G. A. Marzluf.** 1995. Functional analysis by site-directed mutagenesis of individual amino acid residues in the flavin domain of *Neurospora crassa* nitrate reductase. *Mol. Gen. Genet.* **249**: 456-464.

65. **Gooday, G. W.** 1995. The dynamics of hyphal growth. *Mycol. Res.* **99**: 385-394.
66. **Goodrich-Tanrikulu, M., J. T. Lin, A. E. Stafford, M. I. Makapugay, T. A. McKeon and G. Fuller.** 1995. Novel *Neurospora crassa* mutants with altered synthesis of polyunsaturated fatty acids. *Microbiology* **141**: 2307-2314.
67. **Griffiths, A. J. F.** 1992. Fungal senescence. *Annu. Rev. Genet.* **26**: 351-372.
68. **Griffiths, A. J. F.** 1995. Natural plasmids of filamentous fungi. *Microbiol. Rev.* **59**: 673-85. (-)
69. **Griffiths, A. J. F. and X. Yang.** 1995. Recombination between heterologous linear and circular mitochondrial plasmids in the fungus *Neurospora*. *Mol. Gen. Genet.* **249**: 25-36.
70. **Griffiths, A. J. F., X. Yang, F. J. Debets and Y. Wei.** 1995. Plasmids in natural populations of *Neurospora*. *Can. J. Bot.* **73**: S186-S192.
71. **Grotelueschen, J. and R. L. Metzenberg.** 1995. Some property of the nucleus determines the competence of *Neurospora crassa* for transformation. *Genetics* **139**: 1545-1551.
72. **Guo, H. C. T. and R. A. Collins.** 1995. Efficient *trans*-cleavage of a stem-loop RNA substrate by a ribozyme derived from *Neurospora* VS RNA. *EMBO J.* **14**: 368-376.
73. **Guo, X. W., P. R. Smith, B. Cognon, D. D'Arcangelis, E. Dolginova and C. A. Mannella.** 1995. Molecular design of the voltage-dependent, anion-selective channel in the mitochondrial outer membrane. *J. Struct. Biol.* **114**: 41-59. (-)
74. **Haas, H., B. Bauer, B. Redl, G. Stöffler and G. A. Marzluf.** 1995. Molecular cloning and analysis of *nre*, the major nitrogen regulatory gene of *Penicillium chrysogenum*. *Curr. Genet.* **27**: 150-158.
75. **Hagemann, R.** 1995. New molecular and genetic aspects of mitochondria inheritance: A review. *Biologisches Zentralblatt* **114**: 17-55.(-)
76. **Hall, J. C.** 1995. Tripping along the trail to the molecular mechanisms of biological clocks. *Trends Neurosci.* **18**: 230-240.
77. **Han, H.-Y.** 1994. Cloning of the *pmb* gene encoding a basic amino acid transport protein in *Neurospora crassa*. *Dissert. Abstr.* **B 54**: 3452.
78. **Hanlin, R. T.** 1994. Microcycle conidiation: A review. *Mycoscience* **35**: 113-123. (-)
79. **Harkness, T. A. A.** 1995. Nucleo-mitochondrial interactions: protein import and assembly of multi-subunit complexes in *Neurospora crassa*. *Dissert. Abstr.* **B 56**: 627.
80. **Harkness, T. A. A., R. A. Rothery, J. H. Weiner, S. Werner, J. E. Azevedo, A. Videira and F. E. Nargang.** 1995. Disruption of the gene encoding the 78-kilodalton subunit of the

peripheral arm of complex I in *Neurospora crassa* by repeat induced point mutation (RIP). *Curr. Genet.* **27**: 339-350.

81. **Hastings, M.** 1995. Circadian rhythms: Peering into the molecular clockwork. *J. Neuroendocrinol.* **7**: 331-340. (-)

82. **Hastings, M.** 1995. Resetting the circadian cycle. *Nature* **376**: 296-7. (-)

83. **Hatakeyama, S., C. Ishii and H. Inoue.** 1995. Identification and expression of the *Neurospora crassa mei-3* gene which encodes a protein homologous to Rad51 of *Saccharomyces cerevisiae*. *Mol. Gen. Genet.* **249**: 439-446.

84. **Heck, I. S. and H. Ninnemann.** 1995. Molybdenum cofactor biosynthesis in *Neurospora crassa*: Biochemical characterization of pleiotropic molybdoenzyme mutants *nit-7*, *nit-8*, *nit-9A*, B and C. *Photochem. Photobiol.* **61**: 54-60.

85. **Henstrand, J. M., N. Amrhein and J. Schmid.** 1995. Cloning and characterization of a heterologously expressed bifunctional chorismate synthase/flavin reductase from *Neurospora crassa*. *J. Biol. Chem.* **270**: 20447-20452.

86. **Hernandez-Fernandez, M. D. L. M. R.** 1995. Mitochondrial DNA rearrangements in kalilo and maranhar strains of *Neurospora* and studies of the free plasmid terminal protein. *Dissert. Abstr. B* **56**: 51.

87. **Hilgert, U. and H. D. Van Etten.** 1995. Reduced viability of *N. crassa* ergosterol mutants on Vogel's medium. *Fungal Genet. Newslett.* **42**: 32-33.

88. **Hosking, S. L., G. D. Robson and A. P. J. Trinci.** 1995. Phosphoinositides play a role in hyphal extension and branching in *Neurospora crassa*. *Exper. Mycol.* **19**: 71-80.(-)

89. **Hurst, L. D.** 1995. Evolutionary genetics: The silence of the genes. *Curr. Biol.* **5**: 459-461. (-)

90. **Ichi, I. A. and H. Inoue.** 1995. Cloning, nucleotide sequence, and expression of *tef-1*, the gene encoding translation elongation factor 1- (EF-1-) of *Neurospora crassa*. *Jap. J. Genet.* **70**: 273-287. (-)

91. **Ishida, N.** 1995. Molecular biological approach to the circadian clock mechanism. *Neurosci. Res.* **23**: 231-240. (-)

92. **Jacobson, D. J.** 1995. Sexual dysfunction associated with outcrossing in *Neurospora tetrasperma*, a pseudohomothallic ascomycete. *Mycologia* **87**: 604-617. (-)

93. **Jacobson, D. J., J. Ohrnberger and R. A. Akins.** 1995. The Wilson-Garnjobst heterokaryon incompatibility tester strains of *Neurospora crassa* contain modifiers which influence growth rate of heterokaryons and distort segregation ratios. *Fungal Genet. Newslett.* **42**: 34-40.

94. **Joho, M., M. Inouhe, H. Tohoyama and T. Murayama.** 1995. Nickel resistance mechanisms in yeasts and other fungi. *J. Indust. Microbiol.* **14**: 164-168. (-)
95. **Kapoor, M., C. A. Curle and C. Runham.** 1995. The *hsp70* gene family of *Neurospora crassa*: Cloning, sequence analysis, expression, and genetic mapping of the major stress-inducible member. *J. Bacteriol.* **177**: 212-221.
96. **Kempken, F.** 1995. Plasmid DNA in mycelial fungi, p. 169-187. *In* The Mycologia II, Springer-Verlog, Berlin.
97. **Kennell, J. C., B. J. Saville, S. Mohr, M. T. R. Kuiper, J. R. Sabourin, R. A. Collins and A. M. Lambowitz.** 1995. The VS catalytic RNA replicates by reverse transcription as a satellite of a retroplasmid. *Genes Devel.* **9**: 294-303.
98. **Knight, H., A. J. Trewavas and N. D. Read.** 1994. Confocal microscopy of living fungal hyphae microinjected with Ca²⁺ sensitive fluorescent dyes. *Mycol. Res.* **97**: 1505-1515.
99. **Kropf, D. L., N. P. Money and B. C. Gibbon.** 1995. Role of cytosolic pH in axis establishment and tip growth. *Can. J. Bot.* **S73**: S126-S130.
100. **Krupyanko, V. I.** 1995. Coordinate correction for calculating constants of enzyme activation and inhibition. *Prikladnaya Biokhimiya i Mikrobiol.* **31**: 480-493. (-)
101. **Kübrich, M., K. Dietmeier and N. Pfanner.** 1995. Genetic and biochemical dissection of the mitochondrial protein-import machinery. *Curr. Genet.* **27**: 393-403.
102. **Kumar, A. and J. V. Paietta.** 1995. The sulfur controller-2 negative regulatory gene of *Neurospora crassa* encodes a protein with -transducin repeats. *Proc. Nat. Acad. Sci. USA* **92**: 3343-3347.
103. **Lambowitz, A. M.** 1993. Introns as mobile genetic elements. *Annu. Rev. Biochem.* **62**: 587-622.
104. **Lambowitz, A. M. and C. C. Chiang.** 1995. The Mauriceville and Varkud plasmids: Primitive retroelements found in *Neurospora* mitochondria. *Can. J. Bot.* **73**: S173-S179.
105. **Leslie, J. F.** 1993. Fungal vegetative compatibility. *Annu. Rev. Phytopathol.* **31**: 127-150.
106. **Lever, M. C., B. E. M. Robertson, A. D. B. Buchan, P. F. P. Miller, G. W. Gooday and N. A. R. Gow.** 1994. pH and Ca²⁺ dependent galvanotropism of filamentous fungi: implications and mechanisms. *Mycol. Res.* **98**: 301-306.
107. **Levina, N. N., R. R. Lew, G. J. Hyde and I. B. Heath.** 1995. The roles of Ca²⁺ and plasma membrane ion channels in hyphal tip growth of *Neurospora crassa*. *J. Cell Sci.* **108**: 3405-3417.

108. **Li, C. and T. J. Schmidhauser.** 1995. Developmental and photoregulation of *al-1* and *al-2*, structural genes for two enzymes essential for carotenoid biosynthesis in *Neurospora*. *Devel. Biol.* **169**: 90-95.
109. **Li, D., K. R. Chung, D. A. Smith and C. L. Schardi.** 1995. The *Fusarium solani* gene encoding kievitone hydratase, a secreted enzyme that catalyzes detoxification of a bean phytoalexin. *Mol. Plant Microbe Interact.* **8**: 388-397.
110. **Lin, J.** 1995. Topogenesis of the *Neurospora crassa* plasma membrane proton-ATPase. *Dissert. Abstr.* **B 56**: 608.
111. **Lin, J. and R. Addison.** 1995. The membrane topology of the carboxyl-terminal third of the *Neurospora plasma* membrane H⁺-ATPase. *J. Biol. Chem.* **270**: 6942-6948.
112. **Lin, J. and R. Addison.** 1995. A novel integration signal that is composed of two transmembrane segments is required to integrate the *Neurospora plasma* membrane H⁺-ATPase into microsomes. *J. Biol. Chem.* **270**: 6935-6941.
113. **Lindgren, K. M.** 1995. Characterization of *CCG-1*, a clock-controlled gene of *Neurospora crassa*. *Dissert. Abstr.* **B 56**: 1250.
114. **Liu, J. W., G. Turian and F. Barja.** 1995. A stringent role of F-actin in the ascogonial differentiation of *Neurospora crassa fluffy* mutant. *Folia Microbiologica* **40**: 665-668. (-)
115. **Luo, Z., M. Freitag and M. S. Sachs.** 1995. Translational regulation in response to changes in amino acid availability in *Neurospora crassa*. *Mol. Cell. Biol.* **15**: 5235-5245.
116. **Lyttle, T. W.** 1991. Segregation distorters. *Annu. Rev. Genet.* **25**: 511-557.
117. **Maccheroni, W., Jr., G. Thedei, Jr. and A. Rossi.** 1995. Are the structural genes of Pi-repressible phosphatases regulated by multiple circuits in the filamentous mold *Neurospora crassa*? *Revista Brasileira Genet.* **18**: 135-137. (-)
118. **Maier, J. and H. Ninnemann.** 1995. Biosynthesis of pteridines in *Neurospora crassa*, *Phycomyces blakesleeanus* and *Euglena gracilis*: Detection and characterization of biosynthetic enzymes. *Photochem. Photobiol.* **61**: 43-53.
119. **Maier, J., K. Witter, M. Gütlich, I. Ziegler, T. Werner and H. Ninnemann.** 1995. Homology cloning of GTP-cyclohydrolase I from various unrelated eukaryotes by reverse-transcription polymerase chain reaction using a general set of degenerate primers. *Bioch. Biophys. Res. Com.* **212**: 705-711.
120. **Maresca, B., J. Bennett, W. Fonzi, C. A. Hitchcock, J. K. Lodge and P. R. Williamson.** 1994. Molecular approaches to identify novel targets for future development of antifungal agents. *J. Med. Vet. Mycol.* **32**: 287-298. (-)
121. **Markham, P.** 1994. Occlusions of septal pores in filamentous fungi. *Mycol. Res.* **98**: 1089-1106.

122. **Marra, M., A. Ballio, P. Battirosi, V. Fogliano, M. R. Fullone, C. L. Slayman and P. Aducci.** 1995. The fungal H⁺-ATPase from *Neurospora crassa* reconstituted with fusicoccin receptors senses fusicoccin signal. *Proc. Nat. Acad. Sci. USA* **92**: 1599-1603.
123. **Marzluf, G. A., Q. Li and K. Coulter.** 1995. Global regulation of sulfur assimilation in *Neurospora*. *Can. J. Bot.* **73**: S167-S172.
124. **Mayer, A., F. E. Nargang, W. Neupert and R. Lill.** 1995. MOM22 is a receptor for mitochondrial targeting sequences and cooperates with MOM19. *EMBO J.* **14**: 4204-4211.
125. **Mayer, A., W. Neupert and R. Lill.** 1995. Translocation of apocytochrome c across the outer membrane of mitochondria. *J. Biol. Chem.* **270**: 12390-12397.
126. **McDonald, D., I. J. Atkinson, E. A. Cossins and B. Shane.** 1995. Isolation of dihydrofolate and folylpolyglutamate synthetase activities from *Neurospora*. *Phytochemistry* **38**: 327-333.
127. **Metzenberg, R. L. and J. Groteleuschen.** 1995. Restriction polymorphism maps of *Neurospora crassa*: update. *Fungal Genet. Newslett.* **42**: 82-90.
128. **Metzenberg, R. L. and T. A. Randall.** 1995. Mating type in *Neurospora* and closely related ascomycetes: Some current problems. *Can. J. Bot.* **73**: S251-S257.
129. **Meyer, U., P. Schweim, F. Fracella and L. Rensing.** 1995. Close correlation between heat shock response and cytotoxicity in *Neurospora crassa* treated with aliphatic alcohols and phenols. *Appl. Environ. Microbiol.* **61**: 979-984.
130. **Miao, V. P. W., M. R. Rountree and E. U. Selker.** 1995. Ectopic integration of transforming DNA is rare among *Neurospora* transformants selected for gene replacement. *Genetics* **139**: 1533-1544.
131. **Min, J., M. T. Arganoza, J. Ohrnberger, C. Xu and R. A. Akins.** 1995. Alternative methods of preparing whole-cell DNA from fungi for dot-blot, restriction analysis, and colony filter hybridization. *Analyt. Biochem.* **225**: 94-100. (-)
132. **Mohd, S. H.** 1995. Studies on glycohydrolytic systems: inhibitors, models and enzymes (chitinase, deoxymannojirimycin). *Dissert. Abstr.* **B 56**: 803.
133. **Morris, N. R., X. Xiang and S. M. Beckwith.** 1995. Nuclear migration advances in fungi. *Trends Cell Biol.* **5**: 278-282. (-)
134. **Mukhopadhyay, T., E. K. S. Vijayakumar, S. R. Nadkarni, S. N. Sawant, J. Kenia and B. Sachse.** 1995. 2-Demethylazalomycins F-4a and F-5a, two new antifungal metabolites from Actinomycete sp. HIL Y-9120362. *J. Antibiotics* **48**: 1350-1352. (-)
135. **Müller, F., D. Krüger, E. Sattlegger, B. Hoffmann, P. Ballario, M. Kanaan and I. B. Barthelmess.** 1995. The *cpc-2* gene of *Neurospora crassa* encodes a protein entirely composed

of WD-repeat segments that is involved in general amino acid control and female fertility. *Mol. Gen. Genet.* **248**: 162-173.

136. **Murayama, T., Y. Fujisawa and Y. Okano.** 1995. A suppressor mutation which suppresses adenyl cyclase mutations in *Neurospora crassa*. *Exper. Mycol.* **19**: 320-323. (-)

137. **Nargang, F. E., K. P. Künkele, A. Mayer, R. G. Ritzel, W. Neupert and R. Lill.** 1995. 'Sheltered disruption' of *Neurospora crassa* MOM22, an essential component of the mitochondrial protein import complex. *EMBO J.* **14**: 1099-1108.

138. **Ninnemann, H.** 1995. Some aspects of blue light research during the last decade. *Photochem. Photobiol.* **61**: 22-31.

139. **Nozawa, S. R., I. C. Rigoli, G. Thedei Jr. and A. Rossi.** 1995. Mind the buffering capacity of citric acid. *Fungal Genet. Newslett.* **42**: 56.

140. **Ohrnberger, J. and R. A. Akins.** 1995. Cloning of the copper-inducible metallothionein (*cmt*) promoter from *Neurospora crassa*. *Fungal Genet. Newslett.* **42**: 57-58.

141. **Ohrnberger, J. M.** 1995. Cloning and characterization of a heterokaryon incompatibility suppressor locus. *Dissert. Abstr.* **B 56**: 2612.

142. **Olive, J. E., D. M. De Abreu, T. Rastogi, A. A. Andersen, A. K. Mittermaier, T. L. Beattie and R. A. Collins.** 1995. Enhancement of *Neurospora* VS ribozyme cleavage by tuberactinomycin antibiotics. *EMBO J.* **14**: 3247-3251.

143. **Paietta, J. V.** 1995. Analysis of CYS3 regulator function in *Neurospora crassa* by modification of leucine zipper dimerization specificity. *Nucleic Acids Research* **23**: 1044-1049.

144. **Pareek, A., S. L. Singla and A. Grover.** 1995. Immunological evidence for accumulation of two-high-molecular-weight (104 and 90 kDa) HSPs in response to different stresses in rice and in response to high temperature stress in diverse plant genera. *Plant Mol. Biol.* **29**: 293-301.

145. **Pastore, G. M., Y. K. Park and D. B. Min.** 1994. Production of fruity aroma by *Neurospora* from beiju. *Mycol. Res.* **98**: 1300-1302.

146. **Pazirandeh, M., L. A. Chrisey, J. M. Mauro, J. R. Campbell and B. P. Gaber.** 1995. Expression of the *Neurospora crassa* metallothionein gene in *Escherichia coli* and its effect on heavy-metal uptake. *Appl. Microbiol. Biotech.* **43**: 1112-1117. (-)

147. **Peberdy, J. F.** 1994. Protein secretion in filamentous fungi - Trying to understand a highly productive black box. *Trends Biotechnol.* **12**: 50-57. (-)

148. **Pereira, M., H. Pereira, Jr., G. Thedei, Jr., A. Rossi and N. M. Martinez-Rossi.** 1995. Purification of *Neurospora crassa* alkaline phosphatase without DNase activity for use in molecular biology. *World J. Microbiol. Biotech.* **11**: 505-507. (-)

149. **Perkins, D. D.** 1994. How should the infertility of interspecies crosses be designated? *Mycologia* **86**: 758-761.
150. **Perkins, D. D.** 1995. *Neurospora* chromosome rearrangements with mutant phenotypes provide an opportunity to sequence breakpoint junctions. *Fungal Genet. Newslett.* **42**: 59-61.
151. **Perkins, D. D. and N. B. Raju.** 1995. Three-to-one segregation from reciprocal translocation quadrivalents in *Neurospora* and its bearing on the interpretation of spore-abortion patterns in unordered asci. *Genome* **38**: 661-672.
152. **Perkins, D. D., N. B. Raju, E. G. Barry and D. K. Butler.** 1995. Chromosome rearrangements that involve the nucleolus organizer region in *Neurospora*. *Genetics* **141**: 909-923.
153. **Perkins, D. D., B. C. Turner, E. G. Barry and V. C. Pollard.** 1995. Cytogenetics of an intrachromosomal transposition in *Neurospora*. *Chromosoma* **104**: 260-273.
154. **Plesofsky-Vig, N. and R. Brambl.** 1995. Disruption of the gene for hsp30, an -crystallin-related heat shock protein of *Neurospora crassa*, causes defects in thermotolerance. *Proc. Nat. Acad. Sci. USA* **92**: 5032-5036.
155. **Polizeli, M. D. L. T. M., M. A. Noventa Jordao, M. M. D. Silva, J. A. Jorge and H. F. Terenzi.** 1995. (1,3)-D-glucan synthase activity in mycelial and cell wall-less phenotypes of the *fz, sg, os-1* ("Slime") mutant strain of *Neurospora crassa*. *Exper. Mycol.* **19**: 35-47. (-)
156. **Prajapati, J. B. and S. Neelakantan.** 1994. Bioconversion of supplemented wheat straw by lignocellulolytic fungi. *J. Dairying Foods Home Sci.* **13**: 21-30. (-)
157. **Prior, S. L., G. D. Robson and A. P. J. Trinci.** 1994. Phosphoinositide turnover does not mediate the effects of light or choline, or the relief of derepression of glucose metabolism in filamentous fungi. *Mycol. Res.* **98**: 291-294.
158. **Pu, R. T., G. Xu, L. Wu, J. Vierula, K. O'Donnell, X. S. Ye and S. A. Osmani.** 1995. Isolation of a functional homolog of the cell cycle-specific NIMA protein kinase of *Aspergillus nidulans* and functional analysis of conserved residues. *J. Biol. Chem.* **270**: 18110-18116.
159. **Rademacher, W.** 1994. Gibberellin formation in microorganisms. *Plant Growth Reg.* **15**: 303-314. (-)
160. **Raju, N. B.** 1994. Ascomycete spore killers: Chromosomal elements that distort genetic ratios among the products of meiosis. *Mycologia* **86**: 461-473.
161. **Ram, C.** 1968. Timber-attacking fungi from the state of Maranhá, Brazil. *Neurospora*, with notes on some allied genera X. *Broteria* **37**: 13-27.
162. **Randall, T. A. and R. L. Metzenberg.** 1995. Species-specific and mating type-specific DNA regions adjacent to mating type idiomorphs in the genus *Neurospora*. *Genetics* **141**: 119-136.

163. **Rassow, J., K. Mohrs, S. Koidl, I. B. Barthelmess, N. Pfanner and M. Tropschug.** 1995. Cyclophilin 20 is involved in mitochondrial protein folding in cooperation with molecular chaperones Hsp70 and Hsp60. *Mol. Cell. Biol.* **15**: 2654-2662.
164. **Razal, R. A., N. G. Lewis and G. H. N. Towers.** 1994. Pico-tag analysis of arogenic acid and related free amino acids from plant and fungal extracts. *Phytochem. Anal.* **5**: 98-104(-)
165. **Ridley, G. S.** 1994. Mycological records: 2. *Neurospora intermedia* Tai. New Zealand J. Forestry Sci. **24**: 71-74. (-)
166. **Robb, M. J.** 1995. The isolation and characterization of the gene *ro-4* that is responsible for a morphological mutation in *Neurospora crassa*. Dissert. Abstr. **MAI 33**: 832.
167. **Robb, M. J., M. A. Wilson and P. J. Vierula.** 1995. A fungal actin-related protein involved in nuclear migration. *Mol. Gen. Genet.* **247**: 583-590.
168. **Roberts, C. J. and E. U. Selker.** 1995. Mutations affecting the biosynthesis of S-adenosylmethionine cause reduction of DNA methylation in *Neurospora crassa*. *Nucleic Acids Research* **23**: 4818-4826.
169. **Rojo, E. E., R. A. Stuart and W. Neupert.** 1995. Conservative sorting of F₀-ATPase subunit 9: Export from matrix requires Δ -pH across inner membrane and matrix ATP. *EMBO J.* **14**: 3445-3451.
170. **Sadakane, Y. and H. Nakashima.** 1995. Synthesis of mRNA is required for light-induced phase-shifting of the circadian conidiation rhythm in *Neurospora crassa*. *Plant Cell Physiol.* **36**: 473-480.
171. **Sainsard Chanet, A., C. Sellem, P. Silar, L. Belcour, M. Dequard Chablat and M. Picard.** 1994. Senescence process in filamentous fungi. *Med. Sci.* **10**: 574-576. (-)
172. **Saldanha, R. J., S. S. Patel, R. Surendran, J. C. Lee and A. M. Lambowitz.** 1995. Involvement of *Neurospora* mitochondrial tyrosyl-tRNA synthetase in RNA splicing. A new method for purifying the protein and characterization of physical and enzymatic properties pertinent to splicing. *Biochemistry* **34**: 1275-1287.
173. **Scarborough, G. A.** 1994. Large single crystals of the *Neurospora crassa* plasma membrane H⁺-ATPase: An approach to the crystallization of integral membrane proteins. *Acta Cryst.* **D50**: 643-649.
174. **Schlossmann, J. and W. Neupert.** 1995. Assembly of the preprotein receptor MOM72/MAS70 into the protein import complex of the outer membrane of mitochondria. *J. Biol. Chem.* **270**: 27116-27121.
175. **Schroeder, A. L., M. L. Pall, J. Lotzgesell and J. Siino.** 1995. Homologous recombination following transformation in *Neurospora crassa* wild type and mutagen sensitive strains. *Fungal Genet. Newslett.* **42**: 65-68.

176. **Schumacher, M., Y.-Z. Liu, H. Liu and T. J. Schmidhauser.** 1995. Characterization of *Neurospora crassa* albino mutants that were previously unassigned to locus. Fungal Genet. Newslett. **42**: 69-70.
177. **Sengupta, S., T. B. Prasanna and D. P. Kasbekar.** 1995. Sterol 14,15 reductase (*erg-3*) mutations switch the phenotype of *Neurospora crassa* from sensitivity to the tomato saponin - tomatine to sensitivity to the pea phytoalexin pisatin. Fungal Genet. Newslett. **42**: 71-72.
178. **Shao, L.** 1995. Biophysical studies of the conformational and functional states of the mitochondrial voltage-dependent anion (selective)-channel. Dissert. Abstr. **B 56**: 701.
179. **Silar, P.** 1995. Two new easy to use vectors for transformations. Fungal Genet. Newslett. **42**: 73.
180. **Singer, M. J.** 1995. Repeat-induced point mutation (RIP) and its relationship to DNA methylation in *Neurospora crassa*. Dissert. Abstr. **B 55**: 4721.
181. **Singer, M. J., E. A. Kuzminova, A. Tharp, B. S. Margolin and E. U. Selker.** 1995. Different frequencies of RIP among early vs. late ascospores of *Neurospora crassa*. Fungal Genet. Newslett. **42**: 74-75.
182. **Singer, M. J., B. A. Marcotte and E. U. Selker.** 1995. DNA methylation associated with repeat-induced point mutation in *Neurospora crassa*. Mol. Cell. Biol. **15**: 5586-5597.
183. **Staben, C.** 1995. Resistance to azole drugs in *Neurospora crassa*. Exper. Mycol. **19**: 163-165. (-)
184. **Stahl, F. W. and R. Lande.** 1995. Estimating interference and linkage map distance from two-factor tetrad data. Genetics **139**: 1449-1454.
185. **Stanley, S., J. A. Dias, D. D'Arcangelis and C. A. Mannella.** 1995. Peptide-specific antibodies as probes of the topography of the voltage-gated channel in the mitochondrial outer membrane of *Neurospora crassa*. J. Biol. Chem. **270**: 16694-16700.
186. **Steinberg, G. and M. Schliwa.** 1995. The *Neurospora* organelle motor: A distant relative of conventional kinesin with unconventional properties. Mol. Biol. Cell **6**: 1605-1618. (-)
187. **Stillman, T. J., K. S. P. Yip, D. W. Rice, A. M. Fuentes and I. Connerton.** 1995. Crystallization and preliminary X-ray analysis of the NADP-specific glutamate dehydrogenase from *Neurospora crassa*. Acta Cryst. **D51**: 837-839.
188. **Suutari, M.** 1995. Effect of growth temperature of lipid fatty acids of four fungi (*Aspergillus niger*, *Neurospora crassa*, *Penicillium chrysogenum*, and *Trichoderma reesei*). Arch. Microbiol. **164**: 212-216. (-)
189. **Swanson, R. V., L. A. Alex and M. I. Simon.** 1994. Histidine and aspartate phosphorylation: Two-component systems and the limits of homology. Trends Biochem. Sci. **19**: 485-490.

190. **Szoor, B., Z. Feher, E. Bako, F. Erdodi, G. Szabo, P. Gergely and V. Dombradi.** 1995. Isolation and characterization of the catalytic subunit of protein phosphatase 2A from *Neurospora crassa*. *Comp. Biochem. Physiol. B* **112**: 515-522. (-)
191. **Taleb, F. and A. Radford.** 1995. The cellulase complex of *Neurospora crassa*: *cbh-1* cloning, sequencing and homologies. *Gene* **161**: 137-138.
192. **Tao, Y. and K. Y. Chen.** 1995. Molecular cloning and functional expression of *Neurospora* deoxyhypusine synthase cDNA and identification of yeast deoxyhypusine synthase cDNA. *J. Biol. Chem.* **270**: 23984-23987.
193. **Tao, Y. and K. Y. Chen.** 1995. Purification of deoxyhypusine synthase from *Neurospora crassa* to homogeneity of substrate elution affinity chromatography. *J. Biol. Chem.* **270**: 383-386.
194. **Templeton, M. D., D. R. Greenwood and R. E. Beever.** 1995. Solubilization of *Neurospora crassa* rodlet proteins and identification of the predominant protein as the proteolytically processed *eas* (*ccg-2*) gene product. *Exper. Mycol.* **19**: 166-169. (-)
195. **Thaler, D. S.** 1994. Sex is for sisters: Intragenomic recombination and homology-dependent mutation as sources of evolutionary variation. *Trends Ecol. Evol.* **9**: 108-110. (-)
196. **Toledo, I., P. Rangel and W. Hansberg.** 1995. Redox imbalance at the start of each morphogenetic step of *Neurospora crassa* conidiation. *Arch. Bioch. Biophys.* **319**: 519-524.
197. **Turian, G. and F. Barja.** 1994. New trends in polarity: II. Nucleocentric origin of intrinsic cell polarity. *Archiv. Sci.* **47**: 243-254. (-)
198. **Turian, G. and F. Barja.** 1995. Nuclear actin and RNA export in conidial cells of *Neurospora crassa*. *Cell Biol.* **19**: 77-78. (-)
199. **van den Hoff, M. J. B., A. Jonker, J. J. Beintema and W. H. Lamers.** 1995. Evolutionary relationships of the carbamoylphosphate synthetase genes. *J. Mol. Evol.* **41**: 813-832.
200. **Vassilev, A. O., N. Plesofsky-Vig and R. Brambl.** 1995. Cytochrome c oxidase in *Neurospora crassa* contains myristic acid covalently linked to subunit 1. *Proc. Nat. Acad. Sci. USA* **92**: 8680-8684.
201. **Versaw, W.** 1995. Biochemical and genetic analysis of phosphate transport mutants in *Neurospora crassa*. *Dissert. Abstr.* **B 56**: 227.
202. **Versaw, W. K.** 1995. A phosphate-repressible, high-affinity phosphate permease in encoded by the *pho-5+* gene of *Neurospora crassa*. *Gene* **153**: 135-139.
203. **Versaw, W. K. and R. L. Metzenberg.** 1995. Genetic mapping of the *N. crassa* *pho-5* gene. *Fungal Genet. Newslett.* **42**: 78.

204. **Versaw, W. K. and R. L. Metzenberg.** 1995. Repressible cation-phosphate symporters in *Neurospora crassa*. Proc. Nat. Acad. Sci. USA **92**: 3884-3887.
205. **Videira, A. and J. E. Azevedo.** 1994. Two nuclear-coded subunits of mitochondrial complex I are similar to different domains of a bacterial formate hydrogenlyase subunit. Int. J. Biochem. **26**: 1391-1393. (-)
206. **Vierula, P. J., M. Robb, J. Mais and M. Wilson.** 1995. Genes required for nuclear motility in *Neurospora crassa*. Bull. Genet. Soc. **26**: 51.
207. **Vigneron, L., J. M. Ruyschaert and E. Goormaghtigh.** 1995. Fourier Transform Infrared Spectroscopy Study of the Secondary Structure of the Reconstituted *Neurospora crassa* Plasma Membrane H⁺-ATPase and of Its Membrane-associated Proteolytic Peptides. J. Biol. Chem. **270**: 17685-17696.
208. **Vigneron, L., G. A. Scarborough, J. M. Ruyschaert and E. Goormaghtigh.** 1995. Reconstitution of the *Neurospora crassa* plasma membrane H⁺-adenosine triphosphatase. Biochim. Biophys. Acta **1236**: 95-104.
209. **Wang, H.** 1994. Reverse transcription of the mauriceville mitochondrial plasmid of *Neurospora*. Dissert. Abstr. **B 55**: 738.
210. **Watters, M. K. and D. R. Stadler.** 1995. Spontaneous mutation during the sexual cycle of *Neurospora crassa*. Genetics **139**: 137-145.
211. **Wechser, M. A. and B. J. Bowman.** 1995. Regulation of the expression of three housekeeping gene encoding subunits of the *Neurospora crassa* vacuolar ATPase. Mol. Gen. Genet. **249**: 317-327.
212. **Wessels, J. G. H.** 1994. Developmental regulation of fungal cell wall formation. Annu. Rev. Phytopathol. **32**: 413-437.
213. **White, B. and D. Woodward.** 1995. A simple method for making disposable race tubes. Fungal Genet. Newslett. **42**: 79.
214. **Xiao, X.** 1995. NIT-2, the major positive regulatory protein of the *Neurospora crassa* nitrogen control circuit: DNA binding, nuclear localization, and interaction with NMR. Dissert. Abstr. **B 56**: 93.
215. **Xiao, X., Y. H. Fu and G. A. Marzluf.** 1995. The negative-acting NMR regulatory protein of *Neurospora crassa* binds to and inhibits the DNA-binding activity of the positive-acting nitrogen regulatory protein NIT2. Biochemistry **34**: 8861-8868.
216. **Yadon, P. J. and D. E. A. Catcheside.** 1995. *Guest*: A 98 bp inverted repeat transposable element in *Neurospora crassa*. Mol. Gen. Genet. **247**: 105-109.

217. **Yajima, H., M. Takao, S. Yasuhira, J. H. Zhao, C. Ishii, H. Inoue and A. Yasui.** 1995. A eukaryotic gene encoding an endonuclease that specifically repairs DNA damaged by ultraviolet light. *EMBO J.* **14**: 2393-2399.
218. **Yang, X.** 1995. Mitochondrial DNA plasmids and senescence in *Neurospora*. Dissert. Abstr. **B56**:
219. **Yatzkan, E. and O. Yarden.** 1995. Inactivation of a single type-2A phosphoprotein phosphatase is lethal in *Neurospora crassa*. *Curr. Genet.* **28**: 458-466.
220. **Yeadon, P. J. and D. E. A. Catcheside.** 1995. The chromosomal region which includes the recombinator *cog* in *Neurospora crassa* is highly polymorphic. *Curr. Genet.* **28**: 155-163.
221. **Yeadon, P. J. and D. E. A. Catcheside.** 1995. *Guest*: a 98 bp inverted repeat transposable element in *Neurospora crassa*. *Mol. Gen. Genet.* **247**: 105-109.
222. **Yeadon, P. J. and D. E. A. Catcheside.** 1995. Polymorphism in the 3' flank of *his-3* and the origin of *Neurospora* wild-types. *Fungal Genet. Newslett.* **42**: 81.
223. **Zhao, H., M. S. McPeck and T. P. Speed.** 1995. Statistical analysis of chromatid interference. *Genetics* **139**: 1057-1065.
224. **Zhao, H., T. P. Speed and M. S. McPeck.** 1995. Statistical analysis of crossover interference using the chi-square model. *Genetics* **139**: 1045-1056.

NEUROSPORA BIBLIOGRAPHY AUTHORS

Abell, C. 6

Adams, D. J. 20

Addison, R. 110, 111

Adetuyi, F. C. 16

Aducci, P. 122

Akins, R. A. 1, 93, 131, 140

Alex, L. A. 189

Amrhein, N. 85

Andersen, A. A. 142

Arganoza, M. T. 1, 131

Aronson, B. D. 2

Arpaia, G. 3, 4

Atkinson, I. J. 5, 126

Auer, M. 36

Azevedo, J. E. 79, 205

Bako, E. 190

Balasubramanian, S. 6

Ballario, P. 136

Ballio, A. 122

Banerjee, U. C. 7

Barja, F. 114, 197, 198

Barry, E. G. 150, 151

Barthelmess, I. B. 136, 163

Bartley, G. E. 8

Battirossi, P. 122

Bauer, B. 74

Beattie, T. L. 9, 142

Beatty, N. P. 10

Beckwith, S. M. 133

Beever, R. E. 194

Bégueret, J. 14

Beintema, J. J. 199

Belcour, L. 171

Bennett, J. 120

Bennik, M. H. J. 51

Berbee, M. L. 11
Berks, B. C. 12
Bertrand, H. 13
Beyer, A. 55
Bird, A. P. 15
Boboye, B. E. 16
Bödicker, M. 21
Bonini, B. M. 17
Bowman, B. J. 18, 47, 211
Bowman, E. J. 18
Bowring, F. J. 19
Brambl, R. 154, 200
Bramley, T. A. 20
Braun, H. P. 21, 22
Brito, N. 64
Brockman, H. E. 41, 42
Brunelli, J. P. 23, 24
Buchan, A. D. B. 106
Butler, D. K. 151
Campbell, J. R. 146
Carattoli, A. 3, 25
Catcheside, D. E. A. 19, 216, 220, 221, 222
Chang, S. 26
Chaure, P. T. 27

Chen, H. 28, 29

Chen, K. Y. 192, 193

Chiang, C. C. 104

Chiang, T. Y. 30

Chisti, Y. 7

Chow, C. M. 31

Chrissey, L. A. 146

Chung, K. R. 108

Cisar, C. R. 32

Clavé, C. 14

Coggins, J. R. 6

Cognon, B. 73

Cohen, P. 33

Collins, R. A. 9, 72, 97, 142

Connerton, I. 185

Connerton, I. F. 27

Corrochano, L. M. 34

Cossins, E. A. 5, 126

Coulter, K. 123

Crosthwaite, S. K. 35

Curle, C. A. 95

Cyrklaff, M. 36

D'Arcangelis, D. 73, 185

David, R. H. 37, 39

Davis, C. R. 38, 40

De Abreu, D. M. 142

de Serres, F. J. 41, 42, 43, 44

Debets, F. J. 69

Dequard Chablat, M. 171

Dias, J. A. 185

Dietmeier, K. 102

Dmochowska, A. 45

Doetsch, P. W. 46

Dolginova, E. 73

Dombradi, V. 190

Donaldson, G. C. 63

Dorsett, J. A. 54

Dschida, W. J. A. 47, 48

Duarte, M. 49

Dunlap, J. C. 4, 35

Ebbole, D. J. 34

Ebong, C. 53

Emmermann, M. 21

Erdodi, F. 190

Ermolayeva, E. 50

Essers, A. J. A. 51, 52, 53

Evans, S. 58

Feher, Z. 190

Feng, B. 58

Ferguson, S. J. 12

Ferraro, J. S. 54

Fogliano, V. 122

Fonzi, W. 120

Fossa, A. 55

Fracella, F. 129

Fraser, M. J. 56

Freitag, M. 57, 115

Fu, Y. H. 58, 214

Fuentes, A. M. 185

Fujimura, M. 59

Fujisawa, Y. 135

Fuller, G. 66

Fullone, M. R. 122

Gaber, B. P. 146

Garnand, K. 60

Gergely, P. 190

Gibbon, B. C. 99

Gibbons, I. R. 61

Glass, N. L. 10, 62, 63

Golik, P. 45

González, C. 64

Gooday, G. W. 65, 106

Goodrich-Tanrikulu, M. 66
Goormaghtigh, E. 207, 208
Gow, N. A. R. 106
Greenwood, D. R. 194
Griffiths, A. J. F. 67, 68, 69, 70
Groteleuschen, J. 71, 128
Grover, A. 144
Guo, H. C. T. 72
Guo, X. W. 73
Gütlich, M. 119
Haas, H. 74
Hagemann, R. 75
Hall, J. C. 76
Han, H.-Y. 78
Hanlin, R. T. 78
Hansberg, W. 196
Harkness, T. A. A. 79, 80
Hastings, M. 81, 82
Hatakeyama, S. 83
Heath, I. B. 107
Heck, I. S. 84
Henstrand, J. M. 85
Hernandez-Fernandez, M. D. 86
Hilgert, U. 87

Hitchcock, C. A. 120
Hoffmann, B. 136
Hosking, S. L. 88
Hurst, L. D. 89
Hyde, G. J. 107
Ichi, I. A. 90
Inoue, H. 83, 90, 217
Inouhe, M. 94
Ishida, N. 91
Ishii, C. 83, 217
Jacobson, D. J. 92, 93
Johnson, K. A. 2
Joho, M. 94
Jonker, A. 199
Jorge, J. A. 17, 155
Jurgens, C. M. G. A. 52
Kanaan, M. 136
Kang, S.31
Kapoor, M. 95
Kasbekar, D. P. 177
Kato, E.25
Kempken, F. 96
Kenia, J. 134
Kennell, J. C. 97

Kinsey, J. A. 28
Kinsman, O. S. 20
Knight, H. 98
Koidl, S. 163
Kropf, D. L. 99
Kruft, V. 21
Krüger, D. 136
Krupyanko, V. I. 100
Kübrich, M. 102
Kühlbrandt, W. 36
Kuiper, M. T. R. 97
Kumar, A. 101
Kunau, W. H. 55
Künkele, K. P. 137
Kuzminova, E. A. 181
Lambowitz, A. M. 97, 103, 104, 172
Lamers, W. H. 199
Lande, R. 184
Lauter, F. R. 34
Lee, J. C. 172
Leslie, J. F. 105
Lever, M. C. 106
Levina, N. N. 107
Lew, R. R. 107

Lewis, N. G. 164

Li, C. 109

Li, D. 108

Li, Q. 123

Lieu, P. 37

Lill, R. 124, 125, 137

Lin, J. 110, 111, 112

Lin, J. T. 66

Lindgren, K. M. 113

Liu, H. 176

Liu, J. W. 114

Liu, Y.-Z. 176

Lodge, J. K. 120

Loros, J. J. 2, 4, 35

Lotzgesell, J. 175

Low, R. L. 56

Luo, Z. 115

Lyttle, T. W. 116

Maccheroni, W., Jr. 117

Macino, G. 3, 4, 25

Maier, J. 118, 119

Mais, J. 206

Makapugay, M. I. 66

Malling, H. V. 41, 43, 44

Mannella, C. A. 73, 185

Marcotte, B. A. 180

Maresca, B. 120

Margolin, B. S. 181

Markham, P. 121

Marra, M. 122

Martinez-Rossi, N. M. 148

Marzluf, G. A. 30, 58, 64, 74, 123, 214

Mauro, J. M. 146

Mayer, A. 124, 125, 137

McClung, C. R. 40

McDonald, D. 126

McKeon, T. A. 66

McPeck, M. A. 40, 223, 224

Menzies, G. S. 20

Metzenberg, R. L. 31, 71, 127, 128, 162, 202, 203

Meyer, U. 129

Miao, V. P. W. 130

Miller, P. F. P. 106

Min, D. B. 145

Min, J. 131

Mittermaier, A. K. 142

Mohd, S. H. 132

Mohr, S. 97

Mohrs, K. 163

Moir, J. W. B. 12

Money, N. P. 99

Moo Young, M. 7

Morelli, G. 4

Morris, N. R. 133

Mukhopadhyay, T. 134

Müller, F. 136

Murayama, T. 94, 135

Nadkarni, S. R. 134

Nakashima, H. 170

Nargang, F. E. 5, 79, 124, 137

Neelakantan, S. 156

Nelson, M. A. 60, 62

Neupert, W. 124, 125, 137, 169, 174

Neves, M. J. 17

Ninnemann, H. 84, 118, 119, 138

Nout, M. J. R. 51, 52, 53

Noventa Jordao, M. A. 155

Nozawa, S. R. 139

O'Donnell, K. 158

Ohrnberger, J. 93, 131, 140, 141

Okano, Y. 135

Olive, J. E. 9, 142

Ong, T. M. 44

Osmani, S. A. 158

Otim Nape, W. 53

Paietta, J. V. 101, 143

Pall, M. L. 23, 175

Pareek, A. 144

Park, Y. K. 145

Pastore, G. M. 145

Patel, S. S. 172

Pazirandeh, M. 146

Peberdy, J. F. 147

Pereira, H., Jr. 148

Pereira, M. 148

Perkins, D. D. 149, 150, 151, 152, 153

Pfanner, N. 102, 163

Pfitzner, E. 55

Picard, M. 171

Plesofsky-Vig, N. 154, 200

Polizeli, M. D. L. T. M. 155

Pollard, V. C. 150

Prajapati, J. B. 156

Prasanna, T. B. 177

Prior, S. L. 157

Pu, R. T. 158

Rademacher, W. 159

Radford, A. 191

RajBhandary, U. L. 31

Raju, N. B. 151, 152, 160

Ram, C. 161

Randall, T. A. 127, 162

Rangel, P. 196

Rassow, J. 163

Rastogi, T. 142

Razal, R. A. 164

Read, N. D. 98

Redl, B. 74

Rensing, L. 129

Rice, D. W. 185

Richardson, D. J. 12

Ridley, G. S. 165

Rigoli, I. C. 139

Ristow, J. L. 37, 39

Ritzel, R. G. 137

Robb, M. 206

Robb, M. J. 166, 167

Roberts, C. J. 168

Robertson, B. E. M. 106

Robson, G. D. 88, 157

Rodriguez Franco, M.25
Rojo, E. E. 169
Rosling, H. 53
Rossi, A. 117, 139, 148
Rothery, R. A. 79
Rountree, M. R. 130
Runham, C. 95
Ruysschaert, J. M. 207, 208
Sabourin, J. R. 97
Sachs, M. S. 57, 115
Sachse, B. 134
Sadakane, Y. 170
Sainsard Chanet, A. 171
Saldanha, R. J. 172
Sanders, D. 50
Sattlegger, E. 136
Saville, B. J. 97
Sawant, S. N. 134
Scarborough, G. A. 36, 173, 208
Schardi, C. L. 108
Schliwa, M. 186
Schlossmann, J. 174
Schmid, J. 85
Schmidhauser, T. J. 109, 176

Schmitz, U. K. 21, 22
Schroeder, A. L. 175
Schumacher, M. 176
Schweim, P. 129
Scolnik, P. A. 8
Selker, E. U. 130, 168, 180, 181
Sellem, C. 171
Sengupta, S. 177
Shane, B. 126
Shao, L. 178
Siino, J. 175
Silar, P. 171, 179
Silva, M. M. D. 155
Simon, M. I. 189
Singer, M. J. 180, 181, 182
Singla, S. L. 144
Slayman, C. L. 122
Smith, D. A. 108
Smith, M. L. 10
Smith, P. R. 73
Sousa, R. 49
Speed, T. P. 223, 224
Spiegel, F. W. 32
Staben, C. 183

Stadler, D. R. 210
Stafford, A. E. 66
Stahl, F. W. 184
Stanley, S. 185
Steinberg, G. 186
Steinhardt, A. 18
Stepien, P. P. 45
Stillman, T. J. 185
Stöffler, G. 74
Stuart, R. A. 169
Stuart, W. D. 25
Sulzman, F. M. 54
Surendran, R. 172
Suutari, M. 188
Swanson, R. V. 189
Szabo, G. 190
Szoor, B. 190
Takao, M. 217
Taleb, F. 191
Tao, Y. 192, 193
Taylor, J. W. 11
TeBeest, D. O. 32
Templeton, M. D. 194
Terenzi, H. F. 17, 155

Thaler, D. S. 195

Tharp, A. 181

Thedei, G., Jr. 117, 139, 148

Tohoyama, H. 94

Toledo, I. 196

Towers, G. H. N. 164

Trewavas, A. J. 98

Trinci, A. P. J. 88, 157

Tropschug, M. 163

Turcq, B. 14

Turian, G. 114, 197, 198

Turner, B. C. 150

Van Der Grift, R. M. 53

Van Etten, H. D. 87

van den Hoff, M. J. B. 199

Vassilev, A. O. 200

Versaw, W. K. 201, 202, 203, 204

Videira, A. 49, 79, 205

Vierula, J. 158

Vierula, P. J. 166, 206

Vigneron, L. 207, 208

Vijayakumar, E. K. S. 134

Wang, H. 209

Watters, M. K. 210

Webber, B. B. 41
Wechsler, M. A. 211
Wei, Y. 69
Weiner, J. H. 79
Wenzel, B. 55
Werner, S. 79
Werner, T. 119
Wessels, J. G. H. 212
White, B. 213
Williams, R. J. 20
Williamson, P. R. 120
Wilson, M. 206
Wilson, M. A. 166
Witter, K. 119
Woodward, D. 213
Wu, L. 158
Xiang, X. 133
Xiao, X. 214, 215
Xu, C. 131, 158
Yadon, P. J. 216
Yajima, H. 217
Yang, X. 68, 69, 218
Yanofsky, C. 34
Yarden, O. 219

Yasuhira, S. 217

Yasui, A. 217

Yatzkan, E. 219

Ye, X. S. 158

Yeadon, P. J. 220, 221, 222

Yip, K. S. P. 185

Zhao, H. 223, 224

Zhao, J. H. 217

Ziegler, I. 119

Last modified 7/25/96 KMC