

FGN 46 Aspergillus Bibliography

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Recommended Citation

Clutterbuck, J. (1999) "FGN 46 Aspergillus Bibliography," *Fungal Genetics Reports*: Vol. 46, Article 16.
<https://doi.org/10.4148/1941-4765.1244>

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Abstract

This bibliography attempts to cover genetical and biochemical publications on *Aspergillus nidulans* and also includes selected references to related species and topics.

FGN 46 *Aspergillus* Bibliography

This bibliography attempts to cover genetical and biochemical publications on *Aspergillus nidulans* and also includes selected references to related species and topics. I would be grateful for publication lists and reprints, especially for papers in books and less readily available periodicals. Entries have been checked as far as possible, but please tell me of any errors. Authors are requested to send a copy of each publication to the FGSC.

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1. **Aleksenko, A. & Ivanova, L.** 1998 *In vivo* linearization and autonomous replication of plasmids containing human telomeric DNA in *Aspergillus nidulans*. *Mol. Gen. Genet.* **260**: 159-164
2. **Amrani, L., Cecchetto, G., Scazzocchio, C. & Glatigny, A.** 1999 The *hxB* gene, necessary for the post-translational activation of purine hydroxylases in *Aspergillus nidulans*, is independently controlled by the purine utilization and the nicotinate utilization transcriptional activating systems. *Mol. Microbiol.* **31**: 1065-1073
3. **Angermayr, K., Parson, W., Stöffler, G. & Haas, H.** 1999 Expression of *atrC* - encoding a novel member of the ATP binding cassette transporter family in *Aspergillus nidulans* - is sensitive to cycloheximide. *Biochim. Biophys. Acta.* **1453**:304-310
4. **Arst, H.N.Jr.** 1996 Regulation of gene expression by pH. Ch 10 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 235-240
5. **Babudri, N., Marini, A., Matmati, N. & Morpurgo, G.** 1998 The *uvsC* and *uvsE* genes of *Aspergillus nidulans* are not required for the mutagenic repair of UV damage. *Mol. Gen. Genet.* **259**: 130-132
6. **Banerjee, B., Greenberger, P.A., Fink, J.N. & Kurup, V.P.** 1998 Immunological characterization of Asp f 2, a major allergen from *Aspergillus fumigatus* associated with allergic bronchopulmonary aspergillosis. *Infect. Immun.* **66**: 5175-5182
7. **Barcellos, F.G., Fungaro, M.H.P., Furlaneto, M.C., Lejeune, B., Pizzirani-Kleiner, A.A. & de Azevedo, J.L.** 1998 Genetic analysis of *Aspergillus nidulans* unstable transformants obtained by the biolistic process. *Can. J. Microbiol.* **44**: 1137- 1141
8. **Barreau, C., Iskandar, M., Turcq, B. & Javerzat, J.-P.** 1998 Use of a linear plasmid containing telomeres as an efficient vector for direct cloning in the filamentous fungus *Podospora anserina*. *Fungal Genet. Biol.* **25**: 22-30

- 9. Beckwith, S.M., Roghi, C.H., Liu, B. & Morris, N.R.** 1998 The "8-kD" cytoplasmic dynein light chain is required for nuclear migration and for dynein heavy chain localization in *Aspergillus nidulans*. *J. Cell Biol.* **143**: 1239-1247
- 10. Birch, M., Drucker, D.B., Riba, I., Gaskell, S.J. & Denning, D.W.** 1998 Polar lipids of *Aspergillus fumigatus*, *A. niger*, *A. nidulans*, *A. flavus* and *A. terreus*. *Med. Mycol.* **36**: 127-134
- 10a Birkholz, J.H., James, S.W. & Cavaliere, A.R.** 1999 Morphological variation of mutant strains of *Aspergillus nidulans*: An SEM study. *J. Pennsylvania Acad. Sci.* **72**: 73-76
- 11. Bistis, G.N.** 1998 Physiological heterothallism and sexuality in euascomycetes: a partial history. *Fungal Genet. Biol.* **23**: 213-222
- 12. Bottone, E.J., Nagarsheth, N. & Chiu, K.** 1998 Evidence of self-inhibition by filamentous fungi unidirectional hyphal growth in colonies. *Can. J. Microbiol.* **44**: 390- 393.
- 13. Bourett, T.M., Czymmek, K.J. & Howard, R.J.** 1998 An improved method for affinity probe localization in whole cells of filamentous fungi. *Fungal Genet. Biol.* **24**: 3-13
- 14. Brakhage, A.A.** 1998 Molecular regulation of -lactam biosynthesis in filamentous fungi. *Microbiol. Mol. Biol. Rev.* **62**: 547-585
- 15. Brown, J.S., Aufauvre-Brown, A. & Holden, D.W.** 1998 Insertional mutagenesis of *Aspergillus fumigatus*. *Mol. Gen. Genet.* **259**: 327-335
- 16. Brown, M.P., Brown-Jenco, C.S. & Payne, G.A.** 1999 Genetic and molecular analysis of aflatoxin biosynthesis. *Fungal Genet. Biol.* **26**: 81-98
- 17. Bussink, H.-J. & Osmani, S.A.** 1998 A cyclin-dependent kinase family member (PHOA) is required to link developmental fate to environmental conditions in *Aspergillus nidulans*. *EMBO J.* **17**: 3990-4003
- 18. Bussink, H.-J. & Osmani, S.A.** 1999 A mitogen-activated protein kinase (MPKA) is involved in polarized growth in the filamentous fungus, *Aspergillus nidulans*. *FEMS Microbiol. Lett.* **173**: 117-125
- 19. Cabib, E., Shaw, J.A., Mol, P.C., Bowers, B & Choi, W.-J.** 1996 Chitin biosynthesis and morphogenetic processes. Ch 11 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 244-267
- 20. Caddick, M.X. & Arst, H.N.Jr.** 1998 Deletion of the 389 N-terminal residues of the transcriptional activator AREA does not result in nitrogen metabolite derepression in *Aspergillus nidulans*. *J. Bacteriol.* **180**: 5762-5764

- 21. Calder, R.B., Williams, R.S.B., Ramaswamy, G., Rock, C.O., Campbell, E., Unkles, S.E., Kinghorn, J.R. & Jackowski S.** 1999 Cloning and characterization of a eukaryotic pantothenate kinase gene (*panK*) from *Aspergillus nidulans*. *J. Biol. Chem.* **274**: 2014-2020
- 22. Cardoza, R.-E., Moralejo, F.-J., Gutiérrez, S., Casqueiro, J., Fierro, F. & Martin, J.F.** 1998 Characterization and nitrogen-source regulation at the transcriptional level of the *gdhA* gene of *Aspergillus awamori* encoding an NADP-dependent glutamate dehydrogenase. *Curr. Genet.* **34**: 50-59
- 23. Casquero, J., Gutiérrez, S., Bañuelos, O., Fierro, F., Velasco, J. & Martin, J.F.** 1998 Characterization of the *lys2* gene of *Penicillium chrysogenum* encoding -aminoadipic acid reductase. *Mol. Gen. Genet.* **259**: 549-556
- 24. Castro-Prado, M.A.A. & Rocha, C.L.S.** 1998 Cytological and genetic characterization of a conidiogenesis mutant of *Aspergillus nidulans*. *Cytologia (Tokyo)* **63**: 99-106
- 25. Cazelle, B., Pokorska, A., Hull, E., Green, P.M., Stanway, G. & Scazzocchio, C.** 1999 Erratum to FGN 45, entry 26: Sequence, exon-intron organization, transcription and mutational analysis of *prnA*, the gene encoding the transcriptional activator of the *prn* gene cluster in *Aspergillus nidulans*. *Mol. Microbiol.* **31**: 1283.
- 26. Christensen, T., Hynes, M.J. & Davis, M.A.** 1998 Role of the regulatory gene *areA* of *Aspergillus oryzae* in nitrogen metabolism. *Appl. Env. Microbiol.* **64**: 3232-3237
- 27. Christiansen, T., Spohr, A.B. & Nielsen, J.** 1999 On-line study of growth kinetics of single hyphae of *Aspergillus oryzae* in a flow-through cell. *Biotechnol. Bioeng.* **63**: 147-153
- 28. Chung, Y.S., Chae, K.S., Han, D.M. & Jahng, K.Y.** 1996 Chemical composition and structure of hyphal wall of null-pigment mutant of *Aspergillus nidulans*. *Mol. Cell* **6**: 731-736
- 29. Cole, L., Orlovich, D.A. & Ashford, A.E.** 1998 Structure, function and motility of vacuoles in filamentous fungi. *Fungal Genet. Biol.* **24**: 86-100
- 31. Cuadros, S.C., Martinez-Rossi, N.M. & Rossi, A.** 1999 Identification and linkage mapping of the *phsA* gene of *Aspergillus nidulans*, where mutation affects growth and pigmentation of colonies in a temperature- and pH-dependent way. *FEMS Microbiol. Lett.* **171**: 103-106
- 32. Davis, R.H.** 1996 Polyamines in fungi. Ch 15 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 347-356
- 33. d'Enfert, C., Bonini, B.M., Zapella, P.D.A., Fontaine, T., da Silva, A.M. & Terenzi, H.F.** 1999 Neutral trehalases catalyse trehalose breakdown in the filamentous fungi *Aspergillus nidulans* and *Neurospora crassa*. *Mol. Microbiol.* **32**: 471-483

- 34. de Groot, M.J.A., Bundock, P., Hooykaas, P.J.J. & Beijersbergen, A.G.M.** 1998 *Agrobacterium tumefaciens*-mediated transformation of filamentous fungi. *Nature Biotechnol.* **16**: 839-842
- 35. de Queiroz, M.V. & de Azevedo, J.L.** 1998 Characterization of an *Aspergillus nidulans* mutant with abnormal distribution of nuclei in hyphae, metulae, phialides and conidia. *FEMS Microbiol. Lett.* **166**: 49-55
- 36. de Queiroz, M.V., Barros, A.O., de Barros, E.G., Guimarães, W.V. & de Araújo, E.F.** 1998 Transformation of *Penicillium griseoroseum* nitrate reductase mutant with the *nia* gene from *Fusarium oxysporium*. *Can. J. Microbiol.* **44**: 487-489
- 37. de Vries, R.P., van den Broeck, H.C., Dekkers, E., Manzanares, P., de Graaff, L.H. & Visser, J.** 1999 Differential expression of three alpha-galactosidase genes and a single beta-galactosidase gene from *Aspergillus niger*. *Appl. Env. Microbiol.* **65**: 2453-2460
- 38. Denison, S.H., Negrete-Urtasun, S., Mingot, J.-M., Tilburn, J., Mayer, W.A., Goel, A., Espeso, E.A., Peñalva, M.A. & Arst, H.N.Jr.** 1998 Putative membrane components of signal transduction pathways for ambient pH regulation in *Aspergillus* and meiosis in *Saccharomyces* are homologous. *Mol. Microbiol.* **30**: 259-264
- 39. Diallinas, G., Valdez, J., Sophianopoulou, V., Rosa, A. & Scazzocchio, C.** 1998 Chimeric purine transporters of *Aspergillus nidulans* define a domain critical for function and specificity conserved in bacterial, plant and metazoan homologues. *EMBO J.* **17**: 3827-3837
- 40. Dickman, M.B. & Yarden O.** 1999 Serine/threonine protein kinases and phosphatases in filamentous fungi. *Fungal Genet. Biol.* **26**:99-117
- 41. Du, W.L., Huang, Z.Y., Flaherty, J.E., Wells, K., Payne, G.A.** 1999 Green fluorescent protein as a reporter to monitor gene expression and food colonization by *Aspergillus flavus*. *Appl. Env. Microbiol.* **65**: 834-836
- 42. Dunn-Coleman, N. & Wang, H.M.** 1998 *Agrobacterium* T-DNA: A silver bullet for filamentous fungi? *Nature Biotechnol.* **16**: 817-818
- 43. Dzikowska, A., Swianiewicz, M., Talarczyk, A., Wisniewska, M., Goras, M., Scazzocchio, C. & Weglenski, P.** 1999 Cloning, characterisation and regulation of the ornithine transaminase (*otaA*) gene of *Aspergillus nidulans*. *Curr. Genet.* **35**: 118-126
- 44. Ehrlich, K.C., Montalbano, B.G., Bhatnagar, D. & Cleveland, T.E.** 1998 Alteration of different domains in AFLR affects aflatoxin pathway metabolism in *Aspergillus parasiticus* transformants. *Fungal Genet. Biol.* **23**: 279-287
- 45. Felenbok, B. & Kelly, J.M.** 1996 Regulation of carbon metabolism in mycelial fungi. Ch 17 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 369-380

- 46. Fischer, R.** 1999 Nuclear movement in filamentous fungi. *FEMS Microbiol. Rev.* **23**: 39-68.
- 47. Fukuchi, Y., Kudo, Y., Kumagai, T., Ebina, K. & Yokota, K.** 1998 Oxidized low density lipoprotein inhibits the hemolytic activity of Asp-hemolysin from *Aspergillus fumigatus*. *FEMS Microbiol. Lett.* **167**: 275-280
- 48. Geiser, D.M., Pitt, J.I. & Taylor, J.W.** 1998 Cryptic speciation and recombination in the aflatoxin-producing fungus *Aspergillus flavus*. *Proc. Natl. Acad. Sci. USA* **95**: 388-393
- 49. George, H.L., Hirschi, K.D. & Vanetten, H.D.** 1998 Biochemical properties of the products of cytochrome P450 genes (PDA) encoding pisatin demethylase activity in *Nectria haematococca*. *Arch. Microbiol.* **170**: 147-154
- 50. Gielkens, M., González-Candelas, L., Sánchez-Torres, P., van de Vondervoort, P., de Graaff, L., Visser, J. & Ramón, D.** 1999 The *abfB* gene encoding the major alpha-L-arabinofuranosidase of *Aspergillus nidulans*: nucleotide sequence, regulation and construction of a disrupted strain. *Microbiol. (Reading)* **145**: 735-741
- 51. Goto, C.E., Barbosa, E.P., Kistner, L.C.L., Moreira, F.G., Lenartovicz, V. & Peralta, R.M.** 1998 Production of amylase by *Aspergillus fumigatus* utilizing -methyl-D-glycoside, a synthetic analogue of maltose, as substrate. *FEMS Microbiol. Lett.* **167**: 139-143
- 52. Gutiérrez, S., Marcos, A.T., Casqueiro, J., Kosalková, K., Fernández, F.J., Velasco, J. & Martín, J.F.** 1999 Transcription of the *pcbAB*, *pcbC* and *penDE* genes of *Penicillium chrysogenum* AS-P-78 is repressed by glucose and the repression is not reversed by alkaline pHs. *Microbiol. (Reading)* **145**: 317-324
- 53. Guzmán de Peña, D., Aguirre, J. & Ruiz-Herrera, J.** 1998 Correlation between the regulation of sterigmatocystin biosynthesis and asexual and sexual sporulation in *Emericella nidulans*. *Ant. van Leeuwenhoek* **73**: 199-205
- 54. Haas, H., Zadra, I., Stöffler, G. & Angermayr, K.** 1999 The *Aspergillus nidulans* GATA factor SREA is involved in regulation of siderophore biosynthesis and control of iron uptake. *J. Biol. Chem.* **274**: 4613-4619.
- 55. Han, Y., Wilson, D.B. & Lei, X.G.** 1999 Expression of an *Aspergillus niger* phytase gene (*phyA*) in *Saccharomyces cerevisiae*. *Appl. Env. Microbiol.* **65**: 1915-1918
- 56. Harris, S.D., Hofmann, A.F., Tedford, H.W. & Lee, M.P.** 1999 Identification and characterization of genes required for hyphal morphogenesis in the filamentous fungus *Aspergillus nidulans*. *Genetics* **151**: 1015-1025
- 57. Henriksen, A.L.S., Even, S., Müller, C., Punt, P.J., van den Hondel, C.A.M.J.J. & Nielsen, J.** 1999 Study of the glucoamylase promoter in *Aspergillus niger* using green fluorescent protein. *Microbiol. (Reading)* **145**: 729-734

- 58. Hensel, M., Arst, H.N.Jr., Aufauvre-Brown, A. & Holden, D.W.** 1998 The role of the *Aspergillus fumigatus areA* gene in invasive pulmonary aspergillosis. *Mol. Gen. Genet.* **258**: 553-557
- 59. Hua, S.-S.T., Baker, J.L. & Flores-Espiritu, M.** 1999 Interaction of saprophytic yeasts with a *nor* mutant of *Aspergillus flavus*. *Appl. Env. Microbiol.* **65**: 2738-2740
- 60. Hutchings, H., Stahmann, K.-P., Reols, S., Espeso, E.A., Timberlake, W.E., Arst, H.N.Jr. & Tilburn, J.** 1999 The multiply-regulated *gabA* gene encoding GABA permease of *Aspergillus nidulans*: a score of exons. *Mol. Microbiol.* **32**: 557-568
- 61. Hyde, G.** 1998 Calcium imaging: a primer for mycologists. *Fungal Genet. Biol.* **24**: 14-23
- 62. Hynes, M.J. & Davis, M.A.** 1996 Regulation of acetamide catabolism Ch 18 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 381-393
- 63. Jones, G.W., Hooley, P., Farrington, S.M., Shawcross, S.G., Iwanejko, L.A. & Strike, P.** 1999 Cloning and characterisation of the *sagA* gene of *Aspergillus nidulans*: a gene which affects sensitivity to DNA-damaging agents. *Mol. Gen. Genet.* **261**: 251-258
- 64. Jung, M.K., May, G.S. & Oakley, B.R.** 1998 Mitosis in wild-type and b-tubulin mutant strains of *Aspergillus nidulans*. *Fungal Genet. Biol.* **24**: 146-160
- 65. Juge, N., Svensson, B. & Williamson, G.** 1998 Secretion, purification, and characterisation of barley -amylase produced by heterologous gene expression in *Aspergillus niger*. *J. Appl. Microbiol. Biotechnol.* **49**: 385-392
- 66. Kafer, E. & May, G.S.** 1998 Toward repair pathways in *Aspergillus nidulans*, in *DNA damage and repair*, Vol. 1. DNA repair in prokaryotes and lower eukaryotes, ed. J.A. Nickoloff & M.F. Hoekstra, Humana Press Inc. Totowa, New Jersey, pp 477-502
- 67. Kanemori, Y., Gomi, K., Kitamoto, K., Kumagai, C. & Tamura, G.** 1999 Insertion analysis of putative functional elements in the promoter region of the *Aspergillus oryzae* Taka-amylase A gene (*amyB*) using a heterologous *Aspergillus nidulans amdS-lacZ* fusion gene system. *Biosci. Biotechnol. Biochem.* **63**: 180-183
- 68. Kao, R., Shea, J.E., Davies, J. & Holden, D.W.** 1998 Probing the active site of mitogillin, a fungal ribotoxin. *Molec. Microbiol.* **29**: 1019-1027
- 69. Kappe, R., Okeke, C.N., Fauser, C., Maiwald, M. & Sonntag, H.-G.** 1998 Molecular probes for the detection of pathogenic fungi in the presence of human tissue. *J. Med. Microbiol.* **47**: 811-820
- 70. Karki, S. & Holzbaur, E.L.F** 1999 Cytoplasmic dynein and dynactin in cell division and intracellular transport. *Curr. Opin. Cell Biol.* **11**: 45-53

- 71. Karos, M. & Fischer, R.** 1999 Molecular characterization of HymA, an evolutionarily highly conserved and highly expressed protein of *Aspergillus nidulans*. *Mol. Gen. Genet.* **260**: 510-521
- 72. Kaur, A. & Sandhu, D.K.** 1998 Parasexual analysis of cellulase genes in *Aspergillus nidulans*. *Geobios (Jodhpur)* **25**: 49-54
- 73. Kershaw, M.J., Wakley, G. & Talbot, N.J.** 1998 Complementation of the Mpg1 mutant phenotype in *Magnaporthe grisea* reveals functional relationships between fungal hydrophobins. *EMBO J.* **17**: 3838-3849
- 74. Kinghorn, J.R.** 1999 Retraction - The *tamA* mutants of *Aspergillus nidulans*. *Curr. Genet.* **35**: 144.
- 75. Kirimura, K., Yoda, M. & Urami, S.** 1999 Cloning and expression of the cDNA encoding an alternative oxidase gene from *Aspergillus niger* WU-2223L. *Curr. Genet.* **34**: 472-477
- 76. Kitamoto, N., Yoshino, S., Ito, M., Kimura, T., Ohmiya, K. & Tsukagoshi, N.** 1998 Repression of the expression of genes encoding xylanolytic enzymes in *Aspergillus oryzae* by introduction of multiple copies of the *xynF1* promoter. *Appl. Microbiol. Biotechnol.* **50**: 558-563
- 77. Kitamoto, N., Yoshino, S., Ohmiya, K. & Tsukagoshi, N.** 1999 Sequence analysis, overexpression, and antisense inhibition of a b-xylosidase gene, *xylA*, from *Aspergillus oryzae* KBN616. *Appl. Env. Microbiol.* **65**: 20-24
- 78. Kuroda, M., Hashida-Okado, T., Yasumoto, R., Gomi, K., Kato, I. & Takesako, K** 1999 An aureobasidin A resistance gene isolated from *Aspergillus* is a homolog of yeast *AUR1*, a gene responsible for inositol phosphorylceramide (IPC) synthase activity. *Mol. Gen. Genet.* **261**: 290-296
- 79. Kusumoto, K.-I., Yabe, K., Nogata, Y. & Ohta, H.** 1998 Transcript of a homolog of *aflR*, a regulatory gene for aflatoxin synthesis in *Aspergillus parasiticus*, was not detected in *Aspergillus oryzae* strain. *FEMS Microbiol. Lett.* **169**: 303-307
- 79a Kwon-Chung, K.J., Goldman, W.E., Klein, B. & Szaniszló, P.J.** 1998 Fate of transforming DNA in pathogenic fungi. *Med. Mycol.* **36** (Suppl. 1) 38-44
- 80. Laich, F., Fierro, F., Cardoza, R.-E. & Martin, J.F.** 1999 Organization of the gene cluster for biosynthesis of penicillin in *Penicillium nalgiovense* and antibiotic production in cured dry sausages. *Appl. Env. Microbiol.* **65**: 1236-1240
- 81. Langfelder, K., Jahn, B., Gehringer, H., Schmidt, A., Wanner, G. & Brakhage, A.A.** 1998 Identification of a polyketide synthase gene (*pksP*) of *Aspergillus fumigatus* involved in conidial pigment biosynthesis and virulence. *Med. Microbiol. Immunol.* **187**: 79-89

- 82. Lee, S.K., Lee, D.W. & Maeng, P.J.** 1997 Inducible expression of yeast mitochondrial citrate synthase in *Aspergillus nidulans*. *Mol. Cells* **7**: 489-494
- 83. Liu, B.H. & Chu, F.S.** 1998 Regulation of *aflR* and its product, AflR, associated with aflatoxin biosynthesis. *Appl. Env. Microbiol.* **64**: 3718-3723
- 84. Lockington, R.A. & Kelly, J.M.** 1997 Direct conversion of cellulose to ethanol by engineered filamentous fungi. *Australasian Biotech.* **7**: 363-368
- 85. Loke, P. & Sim, T.-S.** 1998 Catalytic activity in *Cephalosporium acremonium* isopenicillin N synthase does not involve glutamine-234. *Biochem. Biophys. Res. Comm.* **248**: 559-561
- 86. Loke, P. & Sim, T.-S.** 1998 Analysis of glutamines in catalysis in *Cephalosporium acremonium* isopenicillin N synthase by site-directed mutagenesis. *Biochem. Biophys. Res. Comm.* **252**: 472-475
- 87. Loke, P. & Sim, T.-S.** 1998 Mutational evidence for the role of serine-283 in *Cephalosporium acremonium* isopenicillin N synthase. *FEMS Microbiol. Lett.* **165**: 353-356
- 88. Macheda, M.L., Hynes, M.J. & Davis, M.A.** 1999 The *Aspergillus nidulans* *gltA* gene encoding glutamate synthase is required for ammonium assimilation in the absence of NADP-glutamate dehydrogenase. *Curr. Genet.* **34**: 467-471
- 89. Marzluf, G.A.** 1996 Regulation of nitrogen metabolism in mycelial fungi. Ch 16 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 357-368
- 90. McDaniel, D.P. & Roberson, R.W.** 1998 -Tubulin is a component of the Spitzenkörper and centrosomes in hyphal-tip cells of *Allomyces macrogynus*. *Protoplasma* **203**: 118-123
- 91. Meilus, M. & Castro-Prado, M.A.A.** 1998 Gene inactivation system extension into a unique sequence outside of the II->I insertional duplication in *Aspergillus nidulans*. *Can J. Microbiol.* **44**: 1037- 1044
- 92. Melin, P., Schnürer, J. & Wagner, G.H.** 1999 Changes in *Aspergillus nidulans* gene expression induced by bafilomycin, a *Streptomyces*-produced antibiotic. *Microbiol. (Reading)* **145**: 1115-1122
- 93. Meyers, D.M., Obrian, G., Du, W.L., Bhatnagar, D. & Payne, G.A.** 1998 Characterization of *aflJ*, a gene required for conversion of pathway intermediates to aflatoxin. *Appl. Env. Microbiol.* **64**: 3713-3717
- 94. Mimura, S., Rao, U., Yoshino, S., Kato, M. & Tsukagoshi, N.** 1999 Depression of the xylanase-encoding *cgxA* gene of *Chaetomium gracile* in *Aspergillus nidulans*. *Microbiol. Res.* **153**: 369-376

- 95. Mingot, J.-M., Tilburn, J., Diez, E., Bignell, E., Orejas, M., Widdick, D.A., Sarkar, S., Brown, C.V., Caddick, M.X., Espeso, E.A., Arst, H.N.Jr. & Peñalva, M.A.** 1999 Specificity determinants of proteolytic processing of *Aspergillus* PacC transcription factor are remote from the processing site, and processing occurs in yeast if pH signalling is bypassed. *Mol. Cell. Biol.* **19**: 1390-1400
- 96. Momany, M., Westfall, P.J. & Abramowsky, G.** 1999 *Aspergillus nidulans* *swo* mutants show defects in polarity establishment, maintenance and hyphal morphogenesis. *Genetics* **151**: 557-567
- 97. Moore, J. & Bushell, M.E.** 1997 The effect of morphology and oxygen uptake on penicillin production by *Aspergillus nidulans* in submerged culture. *Mycol. Res.* **101**: 1237-1241
- 98. Moralejo, F.-J., Cardoza, R.-E., Gutierrez, S. & Martin, J.F.** 1999 Thaumatin production in *Aspergillus awamori* by use of expression cassettes with strong fungal promoters. *Appl. Env. Microbiol.* **65**: 1168-1174
- 99. Morrice, J., MacKenzie, D.A., Parr, A.J. & Archer, D.B.** 1998 Isolation and characterisation of the acetyl-CoA carboxylase gene from *Aspergillus nidulans*. *Curr. Genet.* **34**: 379-385
- 100. Morris, N.R., Efimov, V.P. & Xiang, X.** 1998 Nuclear migration, nucleokinesis and lissencephaly. *Trends Cell Biol.* **8**: 467-470
- 101. Mouyna, I., Hartland, R.P., Fontaine, T., Diaquin, M., Simenel, C., Delepierre, M., Henrissat, B. & Latgé, J.-P.** 1998 A 1,3--glucanotransferase isolated from the cell wall of *Aspergillus fumigatus* is a homologue of the yeast Bgl2p. *Microbiol. (Reading)* **144**: 3171-3180
- 102. Murai, T., Ueda, M., Kawaguchi, T., Arai, M. & Tanaka, A.** 1998 Assimilation of cellobiosaccharides by a cell surface-engineered yeast expressing -glucosidase and carboxymethylcellulase from *Aspergillus aculeatus*. *Appl. Env. Microbiol.* **64**: 4857-4861
- 103. Muro-Pastor, M.I., Gonzalez, R., Strauss, J., Narendja, F. & Scazzocchio, C.** 1999 The GATA factor AreA is essential for chromatin remodelling in a eukaryotic bidirectional promoter. *EMBO J.* **18**: 1584-1597
- 104. Nakaune, R., Adachi, K., Nawata, O., Tomiyama, M., Akutsu, K. & Hibi, T.** 1998 A novel ATP-binding cassette transporter involved in multidrug resistance in the phytopathogenic fungus *Penicillium digitatum*. *Appl. Env. Microbiol.* **64**: 3983-3988
- 105. Natvig, D.O., Sylvester, K., Dvorachek, W.H.Jr. & Baldwin, J.L.** 1996 Superoxide dismutases and catalases. Ch 8 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 191-209
- 106. Navarro, R.E. & Aguirre, J.** 1998 Posttranscriptional control mediates cell type-specific localization of catalase A during *Aspergillus nidulans* development. *J. Bacteriol.* **180**: 5733-5738

- 107. Nikolaev, I., Cochet, M.F., Lenouvel, F. & Felenbok, B.** 1999 A single amino acid, outside the AlcR zinc binuclear cluster, is involved in DNA binding and in transcriptional regulation of the *alc* genes in *Aspergillus nidulans*. *Mol. Microbiol.* **31**: 1115-1124
- 108. Nikolaev, I., Lenouvel, F. & Felenbok, B.** 1999 Unique DNA binding specificity of the binuclear zinc AlcR activator of the ethanol utilization pathway in *Aspergillus nidulans*. *J. Biol. Chem.* **274**: 9795- 9802
- 109. Norton, R.A.** 1999 Inhibition of aflatoxin B-1 biosynthesis in *Aspergillus flavus* by anthocyanidins and related flavonoids. *J. Agr Food Chem.* **47**: 1230-1235
- 110. Oakley, K.L., Moore, C.B. & Denning, D.W.** 1998 *In vitro* activity of the echinocandin antifungal agent LY303,366 in comparison with itraconazole and amphotericin B against *Aspergillus* spp. *Antimicrobial Agents Chemotherapy* **42**: 2726-2730
- 111. Orejas, M., Ináñez, E. & Ramón, D.** 1999 The filamentous fungus *Aspergillus nidulans* produces an -L-rhamnosidase of potential oenological interest. *Lett. Appl. Microbiol.* **28**: 383-388
- 112. Orejas, M., MacCabe, A.P., González, J.A.P., Kumar, S. & Ramón, D.** 1999 Carbon catabolite repression of the *Aspergillus nidulans xlnA* gene. *Mol. Microbiol.* **31**: 177-184
- 113. Oshero, N., Yamashita, R.A., Chung, Y.-S. & May, G.S.** 1998 Structural requirements for *in vivo* myosin I function in *Aspergillus nidulans*. *J. Biol. Chem.* **273**: 27017-27025
- 114. Ozeki, K., Nagamasu, Y.I., Koda, A., Minetoki, T., Ohbuchi, K., Hamachi, M. & Kumagai, C.** 1998 [In Japanese: Development of high-frequency transformation methods in *Aspergillus oryzae*.] *Seibutsu-Kogaku Kaishi J. Soc. Ferment. Bioeng.* **76**: 187-193
- 115. Panneman, H., Ruijter, G.J., van den Broeck, H.C. & Visser, J.** 1998 Cloning and biochemical characterisation of *Aspergillus niger* hexokinase-the enzyme is strongly inhibited by physiological concentrations of trehalose 6-phosphate. *Eur. J. Biochem.* **258**: 223-232
- 116. Park, C.-S., Kim, J. & Montone, K.T.** 1997 Detection of *Aspergillus* ribosomal RNA using biotinylated oligonucleotide probes. *Diagn. Mol. Pathol.* **6**: 255-260
- 117. Patton, E.E., Willems, A.R. & Tyers, M.** 1998 Combinatorial control in ubiquitin-dependent proteolysis: Don't Skp the F-box hypothesis. *Trends Genet.* **14**: 236-243
- 118. Payne, G.A. & Brown, M.P.** 1998 Genetics and physiology of aflatoxin biosynthesis. *Ann. Rev. Phytopathol.* **36**: 329-362
- 119. Pedersen, H., Carlsen, M. & Nielsen, J.** 1999 Identification of enzymes and quantification of metabolic fluxes in the wild type and in a recombinant *Aspergillus oryzae* strain. *Appl. Env. Microbiol.* **65**: 11-19

- 120. Pereira, M., Fachin, A.L. & Martinez-Rossi, N.M.** 1998 The gene that determines resistance to tioconazole and to acridine derivatives in *Aspergillus nidulans* may have a corresponding gene in *Trichophyton rubrum*. Mycopathol. **143**: 71-75
- 121. Peñalva, M.A., Rowlands, R.T. & Turner, G.** 1998 The optimization of penicillin biosynthesis in fungi. Trends Biotechnol. **16**: 483-489
- 122. Pereira, M. & Martinez-Rossi, N.M.** 1998 The *areA^r* mutations of *Aspergillus nidulans* confer low pH sensitivity in the presence of ammonium as the only nitrogen source. Lett. Appl. Microbiol. **27**: 54-56
- 123. Pires, L.T.A. & Zucchi, T.M.A.D.** 1998 Ribonucleic acid treatment alters gene expression in diploid strains of *Aspergillus nidulans*. Cell. Mol. Biol. **44**: 303-313
- 124. Punt, P.J., van Gemenen, I.A., Drint-Kuijvenhoven, J., Hessing, J.G.M., van Muijlwijk-Hartevelde, G.M., Beijersbergen, A., Verrips, C.T. & van den Hondel, C.A.M.J.J.** 1998 Analysis of the role of the gene *bipA*, encoding the major endoplasmic reticulum chaperone protein in the secretion of homologous and heterologous proteins in black *Aspergilli*. Appl. Microbiol. Biotechnol. **50**: 447-454
- 125. Radford, A., Stone, P.J. & Taleb, F.** 1996 Cellulases and amylase complexes. Ch 12 in The Mycota III Biochemistry and Molecular Biology, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 269-294
- 126. Ramos, A., Edreira, A., Vizoso, A., Betancourt, J., López, M. & Décalo, M.** 1998 Genotoxicity of an extract of *Calendula officinalis* L. J. Ethnopharmacol. **61**: 49-55
- 127. Rao, J.P. & Subramanyam, C.** 1999 Requirement of Ca²⁺ for aflatoxin production: inhibitory effect of Ca²⁺ channel blockers on aflatoxin production by *Aspergillus parasiticus* NRRL 2999. Lett. Appl. Microbiol. **28**: 85-88
- 128. Riquelme, M., Reynaga-Peña, C.G., Gierz, G. & Bartnicki-Garcia, S.** 1998 What determines growth direction in fungal hyphae? Fungal Genet. Biol. **24**: 101-109
- 129. Rizner, T.L., Moeller, G., Thole, H.H., Zakelj-Mavric, M. & Adamski, J.** 1999 A novel 17-beta-hydroxysteroid dehydrogenase in the fungus *Cochliobolus lunatus*: new insights into the evolution of steroid-hormone signalling. Biochem. J. **337**: 425-431
- 130. Reoyo, E., Espeso, E.A., Peñalva, M.A. & Suárez, T.** 1998 The essential *Aspergillus nidulans* gene *pmaA* encodes an homologue of fungal plasma membrane H⁺-ATPases. Fungal Genet. Biol. **23**: 288-299
- 131. Rohel, E.A., Payne, A.C., Hall, L., Barker, H., Butters, J. & Hollomon, D.W.** 1998 Isolation and characterization of α -tubulin genes from *Septoria tritici* and *Rhynchosporium secalis*, and comparative analysis of fungal α -tubulin sequences. Cell Motil. Cytoskel. **41**: 247-253

- 132. Rowe, C.J., Shorrocks, C.P., Claridge, T.D.W. & Sutherland, J.D.** 1998 Analysis of the conversion of d-(L-a-aminoadipoyl)-L-cysteinyl-D--aminobutyrate by active-site mutants of *Aspergillus nidulans* isopenicillin N synthase. *Chem. Biol.* **5**: 229-239
- 133. Ruiz, F., Beisson, J., Rossier, J. & Dupuis-Williams, P.** 1999 Basal body duplication in *Paramecium* requires g-tubulin. *Curr. Biol.* **9**: 43-46
- 134. Sachs, M.S.** 1996 General and cross-pathway control of amino acid biosynthesis. Ch 14 in *The Mycota III Biochemistry and Molecular Biology*, ed. R. Brambl & G.A. Marzluf, Springer, Berlin, pp 316-345
- 135. Schimmel, T.G., Coffman, A.D., Parsons, S.J.** 1998 Effect of butyrolactone I on the producing fungus, *Aspergillus terreus*. *Appl. Env. Microbiol.* **64**: 3707-3712
- 136. Scherer, M. & Fischer, R.** 1998 Purification and characterization of laccase II of *Aspergillus nidulans*. *Arch. Microbiol.* **170**: 78-84
- 137. Segal, B.H., DeCarlo, E.S., Kwon-Chung, K.J., Malech, H.L., Gallin, J.I. & Holland, S.M.** 1998 *Aspergillus nidulans* infection in chronic granulomatous disease. *Medicine (Baltimore)* **77**: 345-354
- 138. Sloan, J., Kinghorn, J.R. & Unkles, S.E.** 1999 The two subunits of human molybdopterin synthase: evidence for a bicistronic messenger RNA with overlapping reading frames. *Nucl. Acids Res.* **27**: 854-858
- 139. Starich, M.R., Wikström, M., Schumacher, S., Arst, H.N.Jr., Gronenborn, A.M. & Clore, G.M.** 1998 The solution structure of the Leu22 Δ Val mutant AREA DNA binding domain complexed with a TGATAG core element defines a role for hydrophobic packing in the determination of specificity. *J. Mol. Biol.* **277**: 621-634
- 140. Steidl, S., Papagiannopoulos, P., Litzka, O., Andrianopoulos, A., Davis, M.A., Brakhage, A.A. & Hynes, M.J.** 1999 AnCF, the CCAAT binding complex of *Aspergillus nidulans*, contains products of the *hapB*, *hapC*, and *hapE* genes and is required for activation by the pathway-specific regulatory gene *amdR*. *Mol. Cell. Biol.* **19**: 99-106
- 141. Steinberg, G.** 1997 A kinesin-like mechanoenzyme from the zygomycete *Syncephalastrum racemosum* shares biochemical similarities with conventional kinesin from *Neurospora crassa*. *Eur. J. Cell Biol.* **73**: 124-131
- 142. Steinberg, G.** 1998 Organelle transport and molecular motors in fungi. *Fungal Genet. Biol.* **24**: 161-177
- 143. Stemple, C.J., Davis, M.A. & Hynes, M.J.** 1998 The *facC* gene of *Aspergillus nidulans* encodes an acetate-inducible carnitine acetyltransferase. *J. Bacteriol.* **180**: 6242-6251

- 144. Strauss, J., Horvath, H.K., Abdullah, B.M., Kindermann, J., Mach, R.L. & Kubicek, C.P.** 1999 The function of CreA, the carbon catabolite repressor of *Aspergillus nidulans*, is regulated at the transcriptional and post-transcriptional level. *Mol. Microbiol.* **32**: 169-178
- 145. Suelmann, R., Sievers, N., Galezka, D., Robertson, L., Timberlake, W.E. & Fischer, R.** 1998 Increased nuclear traffic chaos in hyphae of *Aspergillus nidulans*: molecular characterization of *apsB* and *in vivo* observation of nuclear behaviour. *Mol. Microbiol.* **30**: 831-842
- 146. Takasuka, T., Sayers, N.M., Anderson, M.J., Benbow, E.W. & Denning, D.W.** 1999 *Aspergillus fumigatus* catalases: cloning of an *Aspergillus nidulans* catalase B homologue and evidence for at least three catalases. *FEMS Immunol. Med. Microbiol.* **23**: 125-133
- 147. Takeda, K., Itoh, H., Yoshioka, I., Yamamoto, M., Misaki, H., Kajita, S., Shirai, K., Kato, M., Shin, T., Murao, S. & Tsukagoshi, N.** 1998 Cloning of a thermostable ascorbate oxidase gene from *Acremonium* sp. HI-25 and modification of the azide sensitivity of the enzyme by site-directed mutagenesis. *Biochim. Biophys. Acta.* **1388**: 444-456
- 148. Taylor, J.W., Geiser, D.M., Burt, A. & Koufopanou, V** 1999 The evolutionary biology and population genetics underlying fungal strain typing. *Clin. Microbiol. Rev.* **12**: 126-146
- 149. Torralba, S., Raudaskoski, M. & Pedregosa, A.M.** 1998 Effects of methyl benzimidazole-2-yl carbamate on microtubule and actin cytoskeleton in *Aspergillus nidulans*. *Protoplasma* **202**: 54-64
- 150. Tudzynski, B., Homann, V., Feng, B. & Marzluf, G.A.** 1999 Isolation, characterization and disruption of the *areA* nitrogen regulatory gene of *Gibberella fujikuroi*. *Mol. Gen. Genet.* **261**: 106-114
- 151. Valenciano, S., De Lucas, J.R., Van der Klei, I., Veenhuis, M. & Laborda F.** 1998 Characterization of *Aspergillus nidulans* peroxisomes by immunoelectron microscopy. *Arch. Microbiol.* **170**:370-376
- 152. van Diepeningen, A.D., Debets, A.J.M. & Hoekstra, R.F.** 1998 Intra- and interspecies virus transfer in Aspergilli via protoplast fusion. *Fungal Genet. Biol.* **25**: 171-180
- 153. van Peij, N.N.M.E., Gielkens, M.M.C., de Vries, R.P., Visser, J. & de Graaff, L.H.** 1998 The transcriptional activator XlnR regulates both xylanolytic and endoglucanase gene expression in *Aspergillus niger*. *Appl. Env. Microbiol.* **64**: 3615-3619
- 154. Varga, J., Rinyu, E., Kevei, E., Toth, B. & Kozakiewicz, Z.** 1998 Double-stranded RNA mycoviruses in species of *Aspergillus* sections *Circumdati* and *Fumigati*. *Can J, Microbiol.* **44**: 569- 574
- 155. Wang, S., Nakashima, S., Sakai, H., Numata, O., Fujiu, K. & Nozawa, Y.** 1998 Molecular cloning and cell-cycle-dependent expression of a novel NIMA (never-in-mitosis in

Aspergillus nidulans)-related protein kinase (TpNrk) in *Tetrahymena* cells. Biochem. J. **334**: 197-203

156. Watanabe, A., Ono, Y., Fujii, I., Sankawa, U., Mayorga, M.E., Timberlake, W.E. & Ebizuka, Y. 1998 Product identification of polyketide synthase coded by *Aspergillus nidulans* *wA* gene. Tetrahedron Lett. **39**: 7733-7736

157. Watanabe, A., Fujii, I., Sankawa, U., Mayorga, M.E., Timberlake, W.E. & Ebizuka, Y. 1999 Re-identification of *Aspergillus nidulans* *wA* gene to code for a polyketide synthase of naphthopyrone. Tetrahedron Lett. **40**: 91-941

158. Watson, A.J., Fuller, L.J., Jeenes, D.J. & Archer, D.B. 1999 Homologs of aflatoxin biosynthesis genes and sequence of *aflR* in *Aspergillus oryzae* and *Aspergillus sojae*. Appl. Env. Microbiol. **65**: 307-310

159. Wicklow, D.T., Joshi, B.K., Gamble, W.R., Gloer, J.B. & Dowd, P.F. 1998 Antifungal metabolites (monorden, monocillin IV, and cerebrosides) from *Humicola fuscoatra* Traaen NRRL 22980, a mycoparasite of *Aspergillus flavus* sclerotia. Appl. Env. Microbiol. **64**: 4482-4484

160. Wilson, R.A. & Arst, H.N.Jr. 1998 Mutational analysis of AREA, a transcriptional activator mediating nitrogen metabolite repression in *Aspergillus nidulans* and a member of the "streetwise" GATA family of transcription factors. Microbiol. Mol. Biol. Rev. **62**: 586-596

161. Wilson, R.B., Davis, D. & Mitchell, A.P. 1999 Rapid hypothesis testing with *Candida albicans* through gene disruption with short homology regions. J. Bacteriol. **181**: 1868-1874

162. Wyss, M., Brugger, R., Kroenberger, A., Rémy, R., Fimbel, R., Osterheld, G., Lehmann, M. & van Loon, A.P.G.M. 1999 Biochemical characterization of fungal phytases (myo-inositol hexakisphosphate phosphohydrolases): catalytic properties. Appl. Env. Microbiol. **65**: 367-373

163. Wyss, M., Pasamontes, L., Friedlein, A., Rémy, R., Tessier, M., Kronenberger, A., Middendorf, A., Lehmann, M., Schnoebelen, L., Röthlisberger, U., Kuszniir, E., Wahl, G., Müller, F., Lahm, H.W., Vogel, K., van Loon, A.P.G.M. 1999 Biophysical characterization of fungal phytases (myo-inositol hexakisphosphate phosphohydrolases): molecular size, glycosylation pattern, and engineering of proteolytic resistance. Appl. Env. Microbiol. **65**: 359-366

164. Yager, L.N., Lee, H.-O., Nagle, D.L. & Zimmerman, J.E. 1998 Analysis of *fluG* mutations that affect light-dependent conidiation in *Aspergillus nidulans*. Genetics **149**: 1777-1786

165. Ye, X.S., Fincher, R.R., Tang, A., Osmani, A.H. & Osmani, S.A. 1998 Regulation of the anaphase-promoting complex/cyclosome by *bimA*^{APC3} and proteolysis of NIMA. Mol. Biol. Cell **9**: 3019-3030

- 166. Ye, X.S., Xu, G., Fincher, R. & Osmani, S.A.** 1997 Characterization of NIMA protein kinase in *Aspergillus nidulans*. Meth. Enzymol. **283**: 520-532
- 167. Yu, J.-H., Rósen, S. & Adams, T.H.** 1999 Extragenic suppressors of loss-of-function mutations in the *Aspergillus* FlbA regulator of G-protein signaling domain protein. Genetics **151**: 97-105
- 168. Yu, J.J., Chang, P.K., Ehrlich, K.C., Cary, J.W., Montalbano, B., Dyer, J.M., Bhatnagar, D. & Cleveland, T.E.** 1998 Characterization of the critical amino acids of an *Aspergillus parasiticus* cytochrome P-450 monooxygenase encoded by *ordA* that is involved in the biosynthesis of aflatoxins B-1, G(1), B-2, and G(2). Appl. Env. Microbiol. **64**: 4834-4841

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