
BIOGRAPHICAL SKETCH

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| NAME Lin, Xiaorong | | POSITION TITLE Professor | |
| EDUCATION/TRAINING | | | |
| INSTITUTION AND LOCATION | DEGREE | YEAR(s) | FIELD OF STUDY |
| Dalian University of Technology, China | B.S. (honors) | 1992-1996 | Chemical Engineering |
| Dalian Institute of Chemical Physics, China | M.S. | 1996-1999 | Chemical Engineering |
| University of Georgia | Ph.D. | 1999-2003 | Molecular Genetics and Fungal Biology |
| Duke University Medical Center | Postdoc | 2003-2007 | Medical Mycology |

A. Positions and Honors.

Positions and Employment

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|----------------|--|
| 1996 – 1999 | Graduate Research Assistant, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China |
| 1999 – 2003 | Graduate Research Assistant, Department of Plant Biology, University of Georgia, GA |
| 2003 – 2007 | Postdoctoral Research Associate, Department of Molecular Genetics and Microbiology, Duke University Medical Center, NC |
| 2008 – 2013 | Tenure-Track Assistant Professor, Department of Biology, Texas A&M University, TX |
| 2013 – 2017 | Associate Professor with tenure, Department of Biology, Texas A&M University, TX (Promoted to Professor in 2017) |
| 2014 – 2017 | Adjunct faculty, Department of Microbiology and Immunology, Texas A&M Health Science Center, TX |
| 2017 – present | Professor, Department of Microbiology, University of Georgia, GA |
| 2018 – present | Adjunct Professor, Department of Plant Biology, Department of Infectious Diseases, University of Georgia, GA |

Honorary Memberships

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| 2018 – present | Fellow, American Association for the Advancement of Science (AAAS) |
| 2019 – present | Fellow, American Academy of Microbiology (AAM) |

Professional Membership

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| 2001 – 2003 | Member, Mycological Society of America (MSA) |
| 2002 – 2003 | President, the Mycology Discussion Group, University of Georgia |
| 2004 – present | Member, American Society of Microbiology (ASM) |
| 2012 – present | Member, Genetics Society of America (GSA) |
| 2013 – present | Member, American Association for the Advancement of Science (AAAS) |
| 2015 – present | Member, Medical Mycological Society of the Americas (MMSA) |

Service

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| 2015 – present | Director, Molecular Mycology summer course, Marine Biological Laboratory, MA |
| 2016 – present | Scientific Advisory Board, FEBS Advanced Lecture Course: Human Fungal Pathogens (HFP2017 and HFP2019) |
| 2017 | Session chair, “Human Fungal Pathogens” at 29 th Fungal Genetics Conference |
| 2019 | Chair, 30 th Fungal Genetics Conference, Genetics Society of America (GSA) |
| 2019 – 2025 | Elected Member, Fungal Genetics Policy Steering Committee |
| 2008 – 2010 | Academic editor, <i>PLoS ONE</i> |
| 2009 – 2013 | Associated faculty member, <i>Faculty of 1000</i> |

- 2009 – 2015 Member of the editorial board, *Eukaryotic Cell*
 2013 – present Faculty member, *Faculty of 1000*
 2014 – present Associate editor, *PLoS Pathogens*
 2015 – present Associate editor, *Fungal Genetics and Biology*
 2017 – present Associate editor, *mBio*
 2017 – present Associate editor, *PLoS Genetics*
 2018 – present Review editor, *Frontiers in Cellular and Infection Microbiology*
- 2004 – Present Ad hoc reviewer: *Nature*, *PNAS*, *PLoS Biology*, *PLoS Genetics*, *PLoS Pathogens*, *PLoS Neglected Tropical Diseases*, *PLoS ONE*, *Cellular Microbiology*, *Nature Review Microbiology*, *Microbiology and Molecular Biology Reviews*, *Genetics*, *mBio*, *Infection and Immunity*, *Applied and Environmental Microbiology*, *Eukaryotic Cell*, *Antimicrobial Agents and Chemotherapy*, *Fungal Genetics and Biology*, *BMC Microbiology*, *Microbiology*, *Fungal Biology Reviews*, *Journal of Medical Microbiology*, *FEMS Microbiology Letters*, *Future Microbiology*, *Medical Mycology*, *Mycoses*, *HIV therapy*, *BMC Genomics*, *Environmental Microbiology*, *Molecular Microbiology*, *JoVE*, *mSphere*, *Scientific Reports*, *Journal of Microbiology*, *Molecular Plant Pathology*, *Cell Reports*, *Frontiers in Microbiology*, *Cellular Microbiology*, *Computational and Structural Biotechnology Journal*
- 2012 Ad hoc member, ZRG1 IDM S study section
 2013 Ad hoc member, NIH PTHE study section, NIH AOIC study section
 2014 Ad hoc member, NIH F13 Infectious Diseases and Microbiology Fellowship Review Panel, NIH IHD study section, the San Antonio Life Sciences Institute (SALSI) Innovation Challenge grant program
- 2015 Ad hoc member, Polish-U.S. Fulbright Awards, NIH AOIC study section
 2016 – 2023 Panel member, NIH HCAC study section (HIV Coinfections and HIV Associated Cancers), formerly known as the AOIC study section (AIDS Associated Infections and Cancer)
 2018 Ad hoc member, Austrian Science Fund (FWF)

Teaching Experience

- 2000 – 2001 Teaching assistant, BTNY 1210 (Introduction to Plant Biology), University of Georgia, GA
 2004 Teaching Assistant, Molecular Mycology, Marine Biological Laboratory, MA
 2008 Guest lecturer, BESC 489 (Molds and Mushrooms), Texas A&M University, TX
 2009 Instructor, BIOL481 (Departmental Colloquium), Texas A&M University, TX
 2009 – 2017 Instructor, BIOL437 (Molecular and Medical Mycology/ spring), Texas A&M University, TX
 2010 – 2017 Instructor, BIOL351 (Fundamentals of Microbiology/ fall), Texas A&M University, TX
 2010 – 2017 Co-Instructor, BIOL681 (Eukaryotic Microbiology/ spring & fall), Texas A&M University, TX
 2013, 2014 Faculty, Molecular Mycology summer course, Marine Biological Laboratory, MA
 2015 – 2019 Director, Molecular Mycology summer course, Marine Biological Laboratory, MA
 2019 – present Instructor, MIBO4700/6700 (Medical Mycology/ spring), University of Georgia, GA

Honors and Awards

- 1992 – 1996 Academic Excellence Scholarship (first class), Dalian University of Technology, China
 1996 Graduate with Distinction, Department of Education, Liaoning Province, China
 1997 – 1998 Elite Graduate Student Scholarship, Chinese Academy of Sciences, China
 1999 – 2000 Graduate School Fellowship, University of Georgia
 2002 Best Speaker Award at Plant Biology Graduate Student Symposium, University of Georgia
 2001, 2003 Plant Biology Department Palfrey Award, University of Georgia
 2002 – 2003 Graduate School Fellowship, University of Georgia
 2003 Francis A. Uecker Student Mentor Award, Mycological Society of America
 2005 - 2007 NIH Postdoctoral Fellowship, MMPTP, Duke University
 2009 *Eukaryotic Cell* Outstanding Young Investigator Award, American Society of Microbiology
 2009 Teaching Excellence Award (SLATE), Texas A&M University
 2009 ICAAC Young Investigator Award, American Society of Microbiology
 2011 Teaching Excellence Award (SRATE), Texas A&M University
 2012 Nominee of “40 under Forty”, the University of Georgia Alumni Association

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| 2013 | The Burroughs Wellcome Fund (BWF) Investigator in Pathogenesis of Infectious Disease |
| 2014, 2016 | Nominee of the 2015 Edith and Peter O'Donnell Science Awards (the Academy of Medicine, Engineering & Science of Texas) |
| 2017 – present | Gene E. Michaels Professor of Medical Mycology (University of Georgia) |
| 2018 – present | Elected fellow, American Association for the Advancement of Science (AAAS) |
| 2019 – present | Elected fellow, American Academy of Microbiology (AAM) |

B. Peer-reviewed Publications (* corresponding author, # co-first author).

Published Articles and Articles in Press

64. Lin J, Zhao Y, Ferraro AR, Yang E, Lewis ZA, and **Lin X***. (2019) Transcription factor Znf2 coordinates with the chromatin remodeling SWI/SNF complex to regulate cryptococcal cellular differentiation. ***Communications Biology*** in press.
63. Ambati S, Ellis E, Lin J, **Lin X**, Lewis Z, and Meagher R. (2019) Dectin-2-targeted antifungal liposomes exhibit enhanced efficacy. ***mSphere*** in press.
62. Sun S#, **Lin X**#, Coelho M, and Heitman J*. (2019) Evolution of yeast mating systems: all roads lead to selfing. ***Current Biology*** 29(15):R743-R746. doi: 10.1016/j.cub.2019.06.073.
61. Krysan D*, Zhai B, Beattie S, Misel K, Wellington M, and **Lin X***. (2019) Host carbon dioxide concentration is an independent stress for *Cryptococcus neoformans* that affects virulence and antifungal susceptibility. ***mBio*** 10(4). pii: e01410-19 PMID: PMC6606813
(Recommended by *Faculty of 1000*)
60. Zhao Y#, Lin J#, Fan Y# and **Lin X***. (2019) Life Cycle of *Cryptococcus neoformans*. ***Annual Review of Microbiology*** 73. DOI: 10.1146/annurev-micro-020518-120210
59. Ambati S, Ferraro A, Kang S, Lin J, **Lin X**, Momany M, Lewis Z, and Meagher R. (2019) Dectin-1-targeted antifungal liposomes exhibit enhanced efficacy. ***mSphere*** 13;4(1). pii: e00025-19. PMID: PMC6374590
58. Zhao Y, Upadhyay S, and **Lin X***. (2018) A PAS domain protein Pas3 interacts with the chromatin modifier Bre1 in regulating cryptococcal morphogenesis. ***mBio*** 9(6). pii: e02135-18. PMID: PMC6234864.
57. Tian X, He G, Hu P, Chen L, Tao C, Cui YL, Shen L, Ke W, Xu H, Zhao Y, Xu Q, Bai FY, Wu B, Yang E, **Lin X**, and Wang L. (2018) *Cryptococcus neoformans* sexual reproduction is controlled by a quorum sensing peptide. ***Nature Microbiology*** 3(6):698-707
(Recommended by *Faculty of 1000*)
56. Meng Y, Fan Y, Liao W*, and **Lin X***. (2018) Plant homeodomain (PHD) genes play important roles in cryptococcal yeast-hypha transition. ***Applied and Environmental Microbiology*** 84(9). pii: e01732-17 PMID: PMC5930315
55. Fan Y and **Lin X***. (2018) Multiple Applications of a Transient CRISPR-Cas9 Coupled with Electroporation (TRACE) System in the *Cryptococcus neoformans* Species Complex. ***Genetics*** 208(4):1357-1372 PMID: PMC5887135
(Recommended by *Faculty of 1000*)
54. Xu X#, Lin J#, Zhao Y, Kirkman E, Yee-Seul So, Bahn Y, and **Lin X***. (2017) Glucosamine stimulates pheromone-independent dimorphic transition in *Cryptococcus neoformans* by promoting Crz1 nuclear translocation. ***PLoS Genetics*** 13(9):e1006982. PMID: PMC5595294
53. Gyawali R, Zhao Y, Lin J, Fan Y, Xu X, Upadhyay S, and **Lin X***. (2017) Pheromone Independent Unisexual Development in *Cryptococcus neoformans*. ***PLoS Genetics*** 13(5):e1006772. PMID: PMC5435349
(Recommended by *Faculty of 1000*)
52. Gyawali R, Upadhyay S, Way J, and **Lin X***. (2016) A family of secretory proteins is associated with different morphotypes in *Cryptococcus neoformans*. ***Applied and Environmental Microbiology*** pii: AEM.02967-16. PMID: PMC5311391
51. Upadhyay S#, Xu X#, and **Lin X***. (2016) Interactions between melanin enzymes and their atypical recruitment to the secretory pathway by palmitoylation. ***mBio*** 7(6) pii: e01925-16 PMID: PMC5120144

50. Upadhyay S[#], Xu X[#], Lowry D, Jackson JC, Roberson RW, and **Lin X***. (2016) Subcellular compartmentalization and trafficking of the biosynthetic machinery for fungal melanin. **Cell Reports** 14(11): 2511–2518. PMID: PMC4805463
49. Xu X, Zhao Y, Kirkman E, and **Lin X***. (2016) Secreted Acb1 contributes to the yeast-to-hypha transition in *Cryptococcus neoformans*. **Applied and Environmental Microbiology** 82:1069–1079. PMID: PMC4751841
48. Chacko N[#], Zhao Y[#], Yang E, Wang L, Cai J, and **Lin X***. (2015) The lncRNA *RZE1* controls cryptococcal morphological transition. **PLoS Genetics** 11(11): e1005692. PMID: PMC4654512 (Recommended by *Faculty of 1000*)
47. Zhai B, Wozniak KL, Masso-Silva J, Upadhyay S, Hole C, Rivera A*, Wormley FL*, and **Lin X***. (2015) Development of protective inflammation and cell-mediated immunity against *Cryptococcus neoformans* after exposure to hyphal mutants. **mBio** 6(5):e01433-15. PMID: PMC4611043
46. Wang L* and **Lin X***. (2015) The morphotype heterogeneity in *Cryptococcus neoformans*. **Current Opinion in Microbiology** 26:60–64
45. Idnurm A* and **Lin X***. (2015) Rising to the challenge of multiple *Cryptococcus* species and the diseases they cause. **Fungal Genetics and Biology** pii: S1087-1845(15)00098-5. PMID: PMC4461476
44. Lin J, Idnurm A*, and **Lin X***. (2015) Morphology and its underlying genetic regulation impact the interaction between *Cryptococcus neoformans* and its hosts. **Medical Mycology** 199:887-96. PMID: PMC4577057
43. **Lin X***, Chacko N, Wang L, and Pavuluri Y. (2015) Generation of stable mutants and targeted gene deletion strains in *Cryptococcus neoformans* through electroporation. **Medical Mycology** 53(3):225-34. PMID: PMC4574871
42. **Lin X***, Alspaugh JA, Liu H, and Harris S. (2015) Fungal Morphogenesis, in *Human Fungal Pathogens*, edited by Casadevall A, Mitchell AP, Berman J, Kwon-Chung J, Perfect JR, and Heitman J. **Cold Spring Harb Perspect Med** 5(2):a019679
41. Yang E, Chow W, Wang G, Woo CY, Lau KP, Yuen K, **Lin X**, and Cai C*. (2014) Signature gene expression reveals novel clues to the molecular mechanisms of dimorphic transition in *Penicillium marneffeii*. **PLoS Genetics** 10(10):e1004662. PMID: PMC4199489
40. Wang L*, Tian X, Upadhyay S, Foyle D, Gyawali R, Yang E, Cai J, and **Lin X***. (2014) Morphotype transition and sexual reproduction are genetically associated in a ubiquitous environmental pathogen. **PLoS Pathogens** 10(6):e1004185. PMID: PMC4047104 (Featured Research Article by *PLoS Pathogens*)
39. Upadhyay S, Torres G, and **Lin X***. (2013) Laccases involved in 1,8-dihydroxynaphthalene melanin biosynthesis in *Aspergillus fumigatus* are regulated by developmental factors and copper hemostasis. **Eukaryotic Cell** 12(12):1641-52. PMID: PMC388956
38. Tian X and **Lin X***. (2013) Matricellular protein Cfl1 regulates cell differentiation. **Communicative & Integrative Biology** 6:e26444. PMID: PMC3926872
37. Huang J, Foyle D, **Lin X**, and Yang J. (2013) Total synthesis and biological evaluation of an antifungal tricyclic o-hydroxy-p-quinone methide diterpenoid. **The Journal of Organic Chemistry** 78(18):9166-73. PMID: PMC3843042
36. Chacko N and **Lin X***. (2013) Non coding RNAs in the development and pathogenesis of eukaryotic microbes. **Applied Microbiology and Biotechnology**. 97(18):7989-97. PMID: PMC3791853
35. Wang L, Tian X, Gyawali R, and **Lin X***. (2013) Fungal adhesion protein guides community behaviors and autoinduction in a paracrine manner. **Proc. Natl. Acad. Sci USA** 110(28):11571-6. PMID: PMC3710841 (Recommended by *Faculty of 1000*)
34. Zhai B, Zhu P, Foyle D, Upadhyay S, Idnurm A*, and **Lin X***. (2013) Congenic strains of the filamentous form of *Cryptococcus neoformans* for studies of fungal morphogenesis and virulence. **Infection and Immunity** 81(7): 2626-2637. PMID: PMC3697605

33. Zhu P, Zhai B, **Lin X***, and Idnurm A*. (2013) Congenic strains for genetic analysis of virulence traits in *Cryptococcus gattii*. **Infection and Immunity** 81(7): 2616-2625. PMID: PMC3697594
32. Gyawali R and **Lin X***. (2013) Prezygotic and postzygotic control of uniparental mitochondrial inheritance in *Cryptococcus neoformans*. **mBio** 4(2). pii: e00112-13 PMID: PMC3638309
31. Zhai B and **Lin X***. (2013) Evaluation of anti-cryptococcal activity of the antibiotic polymyxin B *in vitro* and *in vivo*. **International Journal of Antimicrobial Agents** 41:250– 254.
30. Wang L and **Lin X***. *Cryptococcus neoformans* and Cryptococcosis. **Encyclopedia of Infectious Disease. Greenwood Press.**
29. Wang L and **Lin X***. (2012) Morphogenesis in fungal pathogenicity: shape, size, and surface. **PLoS Pathogens** 8(12): e1003027. PMID: PMC3516537
28. Wang L, Zhai B, and **Lin X***. (2012) The link between morphotype transition and virulence in *Cryptococcus neoformans*. **PLoS Pathogens** 8(6): e1002765. PMID: PMC3380952 (Recommended by *Faculty of 1000*; Featured Research Article by *PLoS Pathogens*)
27. Zhai B, Cheng W, Wang L, Sachs MS*, and **Lin X***. (2012) The antidepressant sertraline provides a promising therapeutic option for neurotropic cryptococcal infections. **Antimicrobial Agents and Chemotherapy** 56(7): 3758-3766. PMID: PMC3393448 (Recommended by *Faculty of 1000*)
26. Gyawali R and **Lin X***. (2011) Mechanisms of uniparental mitochondrial DNA inheritance in *Cryptococcus neoformans*. **Mycobiology** 39(4): 235-242. PMID: PMC3385124
25. Qin Q, Luo J, **Lin X**, Pei J, Frerichs M, Ficht TA., and de Figueiredo P. (2011) Functional analysis of host factors that mediate the intracellular lifestyle of *Cryptococcus neoformans*. **PLoS Pathogens** 7(6): e1002078. PMID: PMC3116820. (Recommended by *Faculty of 1000*)
24. Zhai B and **Lin X***. (2011) Recent progress on antifungal drug development. **Current Pharmaceutical Biotechnology** 12(8):1255-62.
23. Wang L and **Lin X***. (2011) Mechanisms of unisexual mating in *Cryptococcus neoformans*. **Fungal Genetics and Biology** 48:651–660
22. Cogliati M*, Viviani MA, and **Lin X***. (2011) Hybridization and its importance in *Cryptococcus* species complex, in *Cryptococcus: from human pathogen to model yeast*. Edited by J. Heitman, T. Kozel, J. Kwon-Chung, J. Perfect, and A. Casadevall. **American Society of Microbiology.**
21. Hsueh YP, **Lin X**, Kwon-Chung J and Heitman J. (2011) Sexual reproduction of *Cryptococcus*, in *Cryptococcus: from human pathogen to model yeast*. Edited by J. Heitman, T. Kozel, J. Kwon-Chung, J. Perfect, and A. Casadevall. **American Society of Microbiology.**
20. **Lin X***, Jackson J, Feretzaki M, Xue C, and Heitman J. (2010) Transcription factors Mat2 and Znf2 operate cellular circuits orchestrating opposite and same-sex mating in *Cryptococcus neoformans*. **PLoS Genetics** 13;6(5):e1000953. PMID: PMC2869318.
19. Zhai B, Zhou H, Yang L, Zhang J, Jung K, Giam C, Xiang X, and **Lin X***. (2010) Polymyxin B, in combination with fluconazole, exerts a potent fungicidal effect. **Journal of Antimicrobial Chemotherapy** 65(5):931-8. PMID: PMC2851492.
18. **Lin X***. (2009) *Cryptococcus neoformans*: morphogenesis, infection, and evolution. **Infection, Genetics and Evolution** 9:401-416.
17. Jackson J, Higgins L, and **Lin X***. (2009) Conidiation color mutants of *Aspergillus fumigatus* are highly pathogenic to the heterologous insect host *Galleria mellonella*. **PLoS ONE** 4(1), e4224 (1-14). PMID: PMC2625396.
16. **Lin X**, Patel S, Litvintseva A, Floyd A, Mitchell TG, and Heitman J. (2009) Diploids in the *Cryptococcus neoformans* serotype A population homozygous for the α mating type originate *via* unisexual mating. **PLoS Pathogens** 5(1), e1000283 (1-18). PMID: PMC2629120. (Recommended by *Faculty of 1000*)

15. Bui T, **Lin X**, Malik R, Heitman J, and Carter D. (2008) Isolates of *Cryptococcus neoformans* from infected animals reveal genetic exchange in unisexual, α mating type populations. ***Eukaryotic Cell*** 7(10):1771– 80.
14. **Lin X**, Nielsen K, Patel S, and Heitman J. (2008) Impact of mating type, serotype, and ploidy on virulence of *Cryptococcus neoformans*. ***Infection and Immunity*** 76(7):2923-38. PMID: PMC2446738
13. Rutherford J, **Lin X**, Nielson K, and Heitman J. (2008) Amt2 permease is required to induce ammonium-responsive invasive growth and mating in *Cryptococcus neoformans*. ***Eukaryotic Cell*** 7(2):237-46. PMID: PMC2238157.
12. **Lin X**, Litvintseva A, Nielsen K, Patel S, Kapadia Z, Floyd A, Mitchell TG, and Heitman J. (2007) α AD α hybrid strains: evidence of hybrid vigor and same sex mating of *Cryptococcus neoformans* in nature. ***PLoS Genetics*** 3(10):1975-90. PMID: PMC2042000.
11. Litvintseva AP, **Lin X**, Templeton I, Heitman J, and Mitchell TG. (2007) Many globally isolated AD hybrid strains of *Cryptococcus neoformans* originated in Africa. ***PLoS Pathogens*** 3(8), e114 (1-9).
10. **Lin X**, and Heitman J. (2007) Mechanisms of homothallism in fungi, in *Sex in fungi: molecular determination and evolutionary implications*, edited by J. Heitman, J. Kronstad, J. Taylor and L. A. Casselton. **American Society of Microbiology** Chapter 3:35-57
9. **Lin X**, Huang J, Mitchell T, and Heitman J. (2006) Virulence attributes and hyphal growth of *Cryptococcus neoformans* are quantitative traits and the MAT α allele enhances filamentation. ***PLoS Genetics*** 2(11): e187 (1-14). PMID: PMC1636697.
8. **Lin X** and Heitman J. (2006) The biology of *Cryptococcus neoformans* species complex. ***Annual Review of Microbiology*** 60: 60-105.
7. **Lin X** and Heitman J. (2005) Chlamyospore formation during hyphal growth in *Cryptococcus neoformans*. ***Eukaryotic Cell***. 4(10):1746-54
6. Idnurm A, Bahn Y, Nielsen K, **Lin X**, Fraser J, and Heitman J. (2005) Deciphering the model pathogenic fungus *Cryptococcus neoformans*. ***Nature Reviews Microbiology*** 3(10):753-64.
5. **Lin X**, Hull CM, and Heitman J. (2005) Sexual reproduction between partners of the same mating-type in *Cryptococcus neoformans*. ***Nature*** 434: 1017-21. (Recommended by *Faculty of 1000*)
4. **Lin X** and Momany M. (2004) Identification and complementation of abnormal hyphal branch mutants *ahbA1* and *ahbB1* in *Aspergillus nidulans*. ***Fungal Genetics and Biology*** 41(11): 998-1006.
3. Guest G, **Lin X**, and Momany M. (2004) *Aspergillus nidulans* RhoA is involved in polar growth, branching, and cell wall synthesis. ***Fungal Genetics and Biology*** 41(1):13-22
2. **Lin X** and Momany M. (2003) The *Aspergillus nidulans* *swc1* mutant shows defects in growth and development. ***Genetics*** 165: 543-54. PMID: PMC1462793.
1. **Lin X**, Momany C, and Momany, M. (2003) SwoHp, nucleoside diphosphate kinase, is essential in *Aspergillus nidulans*. ***Eukaryotic Cell*** 2: 1169–1177. PMID: PMC326647.

See the Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/xiaorong.lin.1/bibliography/42594901/public/>

Manuscripts submitted (* corresponding author)

1. Lin J, Fan Y, and **Lin X***. Transformation of *Cryptococcus neoformans* by electroporation
2. Zhao Y, Wang Y, Upadhyay S, Xue C*, and **Lin X***. *Cryptococcus neoformans* activates meiotic genes during infection

Manuscripts in preparation (* corresponding author)

Patents

1. Du Y, Bai X, Yu L, Zhang M, Liu X, **Lin X**, Li S, Qu T, and Yu X. (Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China). Oligosaccharide fermentation products as a plant disease resistant-inducing agent. CN Patent 1303602. (Chem. Abstr. 136:81338) 2001.
2. Bai X, Du Y, Liu X, **Lin X**, Wang Y (Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Peop. Rep. China). A bioproduct used for prevention of plant fungal diseases and promotion of plant growth. Filing number: CN Patent 1320381A. 2001.
3. **Lin X** (Texas A&M University, USA). Promising immunoprotection and response against cryptococcosis with cryptococcal cells from strains with increased *ZNF2* expression. United States provisional patent application. Application No. 62/082,494. 2014
4. Meagher R, Lewis Z, **Lin X**, and Momany M (University of Georgia). Targeted liposomes and their uses related to fungal infections. Provisional Application No. 62/789,862. 2019