COMPLETE PUBLICATION LIST

Publications in peer-reviewed journals

‡ joint second authors (25% my contribution)


‡ joint first authors (60% my contribution)


* corresponding author

Lichius, A.†*, and Lord, K.M. †. 2014. Chemoattractive mechanisms in fungi. The Open Mycology Journal 8:28-57. Bentham Open. IF 0.00
† joint first authors (80% my contribution)
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† joint first authors (70% my contribution)


† joint first authors (80% my contribution)


Lichius, A.* and N.D. Read. 2010. A versatile set of Lifeact-RFP expression plasmids for live-cell imaging of F-actin in filamentous fungi. Fungal Genetics Reports 57:8-14. FGSC. IF 0.00
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† joint first authors (40% my contribution)


Publications in not Peer-Reviewed Journals


Oral Presentations at International Scientific Conferences
(presenting author is underlined)

Laura Hackl, Dubraska Moreno, Linda Salzmann, Susanne Zeilinger and **Alex Lichius**, CRIB reporter technology to study cellular recovery mechanisms from host-induced hyphal depolarisation in mycoparasitic *Trichoderma* species. ÖGMBT Annual Meeting. 17-20th September 2018. Vienna, Austria.


**Alex Lichius**, Andrew B. Goryachev, Mark D. Fricker, Boguslav Obara, Ernerstina Castro-Longoria, Nick D. Read. Functional divergence of RAC-1 and CDC-42 small GTPases during germling development of *Neurospora crassa*. 27th Fungal Genetics Conference (FGCXXVII). 12th-17th March 2013, Asilomar Conference Grounds, California, USA. (*ad hoc* presentation to substitute for absent session speaker)


**Alex Lichius** and Nick D. Read. On the role of NOX-derived ROS during cell fusion in *Neurospora crassa*. 26th Fungal Genetics Conference (FGCXXVI), 15th-20th March 2011, Asilomar, Pacific Grove, CA, USA.

**Alex Lichius**, Andrew B. Goryachev and Nick D. Read. Differential activation of the RhoGTPases CDC42 and RAC-1 of *Neurospora crassa* determines formation and chemotropism of germ tubes and CATs. 9th International Mycological Congress (IMC9), 1st - 6th August 2010, Edinburgh, Scotland, UK.


**Alex Lichius** and Nick D. Read. The MAP kinase MAK1 is required for homing and pore formation during cell fusion in *Neurospora crassa*. Annual Meeting of the British Mycological Society, The Fungal Cell, 1st – 4th September 2009, Dundee, Scotland, UK.


**Alex Lichius** and Nick D. Read. Functional gene analysis during hyphal fusion in *Neurospora crassa*. Annual Scientific Meeting of the British Mycological Society, Ecology of Fungal Communities, 9th–12th September 2007, University of Manchester, England, UK.

**Poster Presentations at International Scientific Conferences**

(presenting author is underlined)


Kathryn M. Lord, Alex Lichius, Chris Jeffree and Nick D. Read. MAP kinase and protoperithecial morphogenesis in *Neurospora crassa*. Neurospora 2012 Meeting, 8th.-11th March 2012, Asilomar, Pacific Grove, CA, USA. *(in absentia)*

Kathryn M. Lord, Alex Lichius, Chris Jeffree and Nick D. Read. The perithecium: a model for fungal multicellular development. 39th Scottish Microscopy Meeting, 22nd November 2011, University of Dundee, Scotland, UK. *(in absentia)*


Ernestina Castro-Longoria, Alex Lichius, Mario E. Yáñez-Gutiérrez and Nick D. Read. BUD-6 and BNI-1 have complementary functions in the filamentous fungus *Neurospora crassa* and are required to maintain Spitzenkörper integrity. 79th Annual Meeting of the Mycological society of America, 2nd - 5th August 2011, University of Fairbanks, Alaska, USA. *(in absentia)*

Alex Lichius and Nick D. Read. On the role of NOX-derived ROS during cell fusion in *Neurospora crassa*. 26th Fungal Genetics Conference (FGCXXVI), 15th.-20th March 2011, Asilomar, Pacific Grove, CA, USA.

Alex Lichius, Kathryn M. Lord, Chris E. Jeffree and Nick D. Read. Sex and fusion in *Neurospora crassa*. From Darwin to Evo-Devo, A symposium in honour of the 150th anniversary of Darwin’s *The Origin of Species*, 23rd.-24th November 2009, Technion Israel Institute of Technology, Haifa, Israel.

Alex Lichius and Nick D. Read. The MAP kinase MAK1 is required for homing and pore formation during cell fusion in *Neurospora crassa*. 37th Scottish Microscopy Group Symposium, 4th November 2009, University of Glasgow, Scotland, UK.


Alex Lichius and Nick D. Read. Identification of novel genes involved in hyphal fusion in filamentous fungi. 8th International Botanical Microscopy Meeting, 31st March – 5th April 2007, University of Salzburg, Austria.

Alex Lichius and Nick D. Read. Identification of novel genes involved in hyphal fusion in filamentous fungi. 24th Fungal Genetics Conference (FGCXXIV), 20th - 25th March 2007, Asilomar, Pacific Grove, USA.

Alex Lichius and Nick D. Read. What does the biochemical machinery involved in hyphal fusion have in common with that involved in infection structure differentiation? 9th International Fungal Biology Conference & 16th New Phytologist Symposium, Impact of genomics on fungal biology, 18th - 20th September 2006, Nancy, France.