

Name: Dr. Manpreet Dhaliwal

Designation: Senior Research Officer

Qualification: PhD

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Research activity: Senior Research Officer in the Nodal coordinating center for surveillance of resistance in fungi; Molecular immunology and diagnostics of fungal diseases; PK/PD studies of antifungal agents; Crispr-Cas9 genome editing

Guide: Prof A Chakrabarti

Achievement & Awards: 2015 Wellcome Trust Post-Doctoral Fellow, University of Aberdeen, UK

2012 Department of Biotechnology, Government of India travel award ISHAM 2012, Berlin, Germany

2012 Council of Scientific and Industrial Research - National Eligibility Test (CSIR-UGC NET) research fellowship

2009 Molecular Medical Mycology scholarship from Howard Hughes Medical Institute, USA; University of Melbourne, Australia

2008 Indian Council of Medical Research (ICMR) Junior Research Fellowship

2007 Punjab State Scholarship, Government of Punjab, India

2007 First prize in scientific writing competition Organized by Department of Science and Technology, Chandigarh, India

2006 Gold Medal at BSc Microbiology, Panjab University

Papers:

Indexed Journals

1. Rudramurthy SM, Seyedmousavi S, Dhaliwal M, Chakrabarti A, Meis J F, Mouton J W. Pharmacodynamics of voriconazole against wild-type and azole-resistant *Aspergillus flavus* isolates in a non-neutropenic murine model of disseminated aspergillosis. *Antimicrob Agents Chemother.* 2016; <http://doi.org/10.1128/AAC.01491-16>.
2. Chakrabarti A, Rudramurthy SM, Kale P, Hariprasath P, Dhaliwal M, Singhi S, Rao KL. Epidemiological study of a large cluster of fungaemia cases due to *Kodamaea ohmeri* in an Indian tertiary care centre. *Clin Microbiol Infect.* 2014;20(2):O83-9.
3. Chakrabarti A, Dhaliwal M. Epidemiology of mucormycosis in India. *Curr Fungal Infect Rep.* 2013;7(4):287-92.
4. Dhaliwal M, Rudramurthy SM, Thungapathra M, Chakrabarti A. Pathogenesis of mucormycosis: interaction between murine macrophages and *Rhizopus oryzae*. *Mycoses.* 2013;55(Suppl. 4):311.
5. Shivaprakash MR, Singh G, Gupta P, Dhaliwal M, Kanwar AJ, Chakrabarti A. Extensive white piedra of the scalp caused by *Trichosporon inkin*: a case report and review of literature. *Mycopathologia.* 2011;172(6):481-6.
6. Shivaprakash MR, Appannanavar SB, Dhaliwal M, Gupta A, Gupta S, Gupta A, Chakrabarti A. *Colletotrichum truncatum*: an unusual pathogen causing mycotic keratitis and endophthalmitis. *J Clin Microbiol.* 2011;49(8):2894-8.
7. Chakrabarti A, Rudramurthy S, Kale P, Prakash H, Dhaliwal H, Mohammed Z, Singhi S and Rao K. Investigation of an outbreak of *Kodamaea ohmeri* blood stream infection in pediatric unit. *Mycoses. Special Issue: 5th Trends Med Mycol.* 2011;54(s2).

Book Chapters

8. Dhaliwal M, Chakrabarti A. Immunity against fungi with special emphasis on *Zygomycetes*. *Ranbaxy Science Foundation Symposium.* 2009.