

## Dr. MUZAMIL ASHRAF MAKHDOOMI

Name of the Faculty Member: Dr. MUZAMIL ASHRAF MAKHDOOMI



Department: Biochemistry

Teaching Experience as  
on Nov 2017:

UG: Six Months

PG: Nil

Area of Specialization: Immunology and Molecular Biology

Name of the Committees in which you are as Member/ convener / Co-convener:

1. College Infrastructure Development Committee (Member)
2. Health Care Centre Committee (Member)
3. Material Resource Centre Committee (Member)

### Publications

International / National Journals

SNO	Publication detail as per IEEE Reference Format	Year of Publishing	UGC Approved	ISSN/	Impact Factor
1	Alterations in B cell compartment correlate with poor neutralization response and disease progression in HIV-1 infected children. Heena Aggarwal, Lubina Khan, Omkar Chaudhary, Sanjeev Kumar, <b>Muzamil Ashraf Makhdoomi</b> , Ravinder Singh, Kanika Sharma, Nitesh Mishra, Rakesh Lodha, Maddur Srinivas, Bimal Kumar Kumar Das, Sushil Kumar Kabra, Kalpana Luthra. <i>Front. Immunol.</i> , 01 December 2017   <a href="https://doi.org/10.3389/fimmu.2017.01697">https://doi.org/10.3389/fimmu.2017.01697</a> .	December 2017	Yes	16643224	6.49
2	CD4-Binding Site Directed Cross-Neutralizing scFv Monoclonals from HIV-1 Subtype C Infected Indian Children. Kumar S, Kumar R, Khan L, <b>Makhdoomi MA</b> , Thiruvengadam R, Mohata M, Agarwal M, Lodha R, Kabra SK, Sinha S, Luthra K. <i>Front Immunol.</i> 2017 Nov	November 2017	Yes	16643224	6.49

	15; 8:1568. doi: 10.3389/fimmu.2017.01568. eCollection 2017.				
3	Evolution of Cross-Neutralizing Antibodies and mapping epitope specificity in plasma of chronic HIV-1 infected ART naïve children from India. <b>Muzamil A Makhdoomi</b> , Lubina Khan, Sanjeev Kumar, Heena Aggarwal, Ravinder Singh, Rakesh Lodha, Mohit Singla, Bimal K Das, Sushil K Kabra and Kalpana Luthra, <i>J Gen Virol.</i> 2017 Jul; 98(7):1879-1891. doi: 10.1099/jgv.0.000824. Epub 2017 Jul 12.	July 2017	Yes	00221317	2.84
4	Neutralization resistant HIV-1 primary isolates from antiretroviral naïve chronically infected children in India. <b>Makhdoomi MA</b> , Singh D, Nair Pananghat A, Lodha R, Kabra SK, Luthra K. <i>Virology.</i> (2016 Dec), 499:105-113. doi: 10.1016/j.virol.2016.09.011. Epub 2016 Sep 17.	September 2017	Yes	0042-6822	3.35
5	Cross-neutralizing anti-HIV-1 human single chain variable fragments (scFvs) against CD4 binding site and N332 glycan identified from a recombinant phage library. Khan L, Kumar R, Thiruvengadam R, Parray HA, <b>Makhdoomi MA</b> , Kumar S, Aggarwal H, Mohata M, Hussain AW, Das R, Varadarajan R, Bhattacharya J, Vajpayee M, Murugavel KG, Solomon S, Sinha S, Luthra K. <i>Sci Rep.</i> (2017 Mar 23), 7:45163. doi: 10.1038/srep45163.	March 2017	Yes	20452322	4.25
6	IL-8 Alterations in HIV-1 Infected Children with Disease Progression. Pananghat AN, Aggarwal H, Prakash SS, <b>Makhdoomi MA</b> , Singh R, Lodha R, Ali S, Srinivas M, Das BK, Pandey RM, Kabra SK, Luthra K. <i>Medicine (Baltimore).</i> (2016 May), 95(21):e3734. doi: 10.1097/MD.0000000000003734.	May 2016	Yes	14642662	3.25
7	Identification of CD4-Binding Site Dependent Plasma Neutralizing Antibodies in an HIV-1 Infected Indian Individual. Khan L, <b>Makhdoomi MA</b> , Kumar S, Nair A, Andrabi R, Clark BE, Auyeung K, Bhattacharya J, Vajpayee M, Wig N, Pantophlet R, Luthra K. <i>PLoS One.</i> (2015 May), 11; 10(5):e0125575. doi: 10.1371/journal.pone.0125575. eCollection 2015.	May 2015	Yes	19326203	2.80
8	Mutations in the reverse transcriptase and protease genes of human immunodeficiency	February 2015	Yes	19994915	3.46

	virus-1 from antiretroviral naïve and treated pediatric patients. Bure D, <b>Makhdoomi MA</b> , Lodha R, Prakash SS, Kumar R, Parray HA, Singh R, Kabra SK, Luthra K. ( <b>Equal first author</b> ) <i>Viruses</i> . (2015 Feb 10), 7(2):590-603. doi: 10.3390/v7020590.				
9	Association between GSTM1 and GSTT1 polymorphisms and esophageal squamous cell carcinoma: results from a case-control study in Kashmir, India. <b>Makhdoomi MA</b> , Shah IA, Bhat GA, Amin S, Lone MM, Islami F, Dar NA. <i>Tumour Biol</i> . (2015 Apr), 36(4):2613-9. doi: 10.1007/s13277-014-2882-0.	April 2015	Yes	10104283	2.92
10	Highly efficient neutralization by plasma antibodies from human immunodeficiency virus type-1 infected individuals on antiretroviral drug therapy. Andrabi R, <b>Makhdoomi MA</b> , Kumar R, Bala M, Parray H, Gupta A, Kotnala A, Thirumurthy V, Luthra K. <i>J Clin Immunol</i> . (2014 May), 34(4):504-13. doi: 10.1007/s10875-014-0010-y.	May 2014	Yes	02719142	3.25
11	CYP1A1 and CYP2E1 genotypes and risk of esophageal squamous cell carcinoma in a high-incidence region, Kashmir. Bhat GA, Shah IA, <b>Makhdoomi MA</b> , Iqbal B, Rafiq R, Nabi S, Masood A, Lone MM, Dar NA. <i>Tumour Biol</i> . (2014 Jun), 35(6):5323-30. doi: 10.1007/s13277-014-1694-6.	June 2014	Yes	10104283	2.92
12	Contact with animals and risk of oesophageal squamous cell carcinoma: outcome of a case-control study from Kashmir, a high-risk region. Dar NA, Islami F, Bhat GA, Shah IA, <b>Makhdoomi MA</b> , Iqbal B, Rafiq R, Lone MM, Boffetta P. <i>Occup Environ Med</i> . (2014 Mar), 71(3):208-14. doi: 10.1136/oemed-2013-101802. Epub 2014 Jan 9.	January 2014	Yes	10762752	3.91
13	Socioeconomic status and esophageal squamous cell carcinoma risk in Kashmir, India. Dar NA, Shah IA, Bhat GA, <b>Makhdoomi MA</b> , Iqbal B, Rafiq R, Nisar I, Bhat AB, Nabi S, Masood A, Shah SA, Lone MM, Zargar SA, Islami F, Boffetta P. <i>Cancer Sci</i> . (2013 Sep),104(9):1231-6. doi: 10.1111/cas.12210. Epub 2013 Jul 1.	July 2013	Yes	13479032	3.97
14	Poor oral hygiene and risk of esophageal squamous cell carcinoma in Kashmir. Dar NA, Islami F, Bhat GA, Shah IA, <b>Makhdoomi MA</b> ,	July 2013	Yes	00070920	6.17

	Iqbal B, Rafiq R, Lone MM, Abnet CC, Boffetta P. <i>Br J Cancer</i> . (2013 Sep 3), 109(5):1367-72. doi: 10.1038/bjc.2013.437. Epub 2013 Jul 30.				
15	Hookah smoking, nass chewing, and oesophageal squamous cell carcinoma in Kashmir, India. Dar NA, Bhat GA, Shah IA, Iqbal B, <b>Makhdoomi MA</b> , Nisar I, Rafiq R, Iqbal ST, Bhat AB, Nabi S, Shah SA, Shafi R, Masood A, Lone MM, Zargar SA, Najar MS, Islami F, Boffetta P. <i>Br J Cancer</i> . (2012 Oct 23), 107(9):1618-23. doi: 10.1038/bjc.2012.449. Epub 2012 Oct 2.	October 2012	Yes	00070920	6.17
16	Promoter methylation status of DNA repair gene (hMLH1) in gastric carcinoma patients of the Kashmir valley. Wani M, Afroze D, <b>Makhdoomi M</b> , Hamid I, Wani B, Bhat G, Wani R, Wani K. (Equal first author) <i>Asian Pac J Cancer Prev</i> . (2012), 13(8):4177-81.	August 2012	Yes	15137368	2.52

#### Conference Publications (International / National)

SNO	Publication detail as per IEEE Reference Format	Year of Publishing	Organizing Authority	Proceeding Published ( Yes/No)
1	R Andrabi, M Makhdoomi and K Luthra, 'Characterization of human anti-V3 monoclonal antibody 904 isolated from an Indian clade C Human Immunodeficiency Virus type-1 (HIV-1) infected donor' in <i>Frontiers of Retrovirology: Complex retroviruses, retroelements and their hosts</i> Cambridge, UK. 16-18 September 2013	2013	Global HIV Vaccine Enterprise	No
2	S Kumar, R Kumar, M Makhdoomi, L Khan, SS Prakash, R Thiruvengadam, M Singla, R Lodha, SK Kabra, S Sinha, K Luthra, 'Production of cross neutralizing single chain fragment variables (scFv) from HIV-1 infected Indian children' in <i>2nd International Science Symposium on HIV and Infectious Diseases (HIV SCIENCE 2014)</i> Chennai, India. 30 January	2014	Y.R. Gaitonde Centre for AIDS Research and Education, Chennai, India	No

	- 1 February 2014			
3	M Makhdoomi, A Nair, S Kumar, H Aggarwal, S Sharma, R Lodha, R Singh, M Singla, N Shah, S.K. Kabra, and K Luthra, 'Longitudinal analysis of early HIV-1-specific neutralizing activity and mapping epitope specificities in plasma of chronic HIV-1 clade C infected ART naïve children from India' in J Virus Erad. 2016 May; 2(Suppl 1): 21–52.	2016	International AIDS Society, USA	No

**Seminars / Refresher/ Orientation/ Short Term courses**

SNO	Name of the Course	Year	Conducting Agency	Duration	Dates ( starting and Ending )
1.	National Symposium on "Esophageal Cancer – a Major Health Concern in Kashmir".	2011	University of Kashmir, Srinagar	1 day	04.01.2011
2.	2-Day National Workshop on 'Advances in Cell and Molecular Biology'	2017	GCW, M.A, Road, Srinagar	2 Days	27-28 <sup>th</sup> September