

## Dr. Mehvish Showkat

Name of the Faculty Member: Dr. Mehvish Showkat

Department: Department of Biochemistry

Teaching Experience as on Nov 2017:

UG: 11 months

PG: -



Area of Specialization: Cell and Molecular Biology

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

1. Admission Committee (Member)
2. Health Committee (Member)
3. Cafeteria committee (Member)

## Publications

Book Publication: Nil

SNO	Publication detail	Year of Publishing	Name of Publisher	ISBN

International / National Journals

SNO	Publication detail as per IEEE Reference Format	Year of Publishing	UGC Approved	ISSN/	Impact Factor
1.	<b>Mehvish Showkat,</b> Mushtaq Ahmad Beigh, Basharat Bashir Bhat, Asiya Batool, Khurshid Iqbal Andrabi. Cellular Signalling. Phosphorylation dynamics of eukaryotic initiation factor 4E binding protein 1 (4E-BP1) is	October 2014	Yes	08986568	<b>Impact Factor</b> 4.19

2.	discordant with its potential to interact with eukaryotic initiation factor 4E (eIF4E). 26 (2014) 2117–2121  <b>Mehvish Showkat</b> , Mushtaq Ahmad Beigh and Khurshid Iqbal Andrabi. Molecular Biology International. mTOR signaling in protein translation regulation: Implications in cancer genesis and therapeutic interventions.	Nov 2014	-	-	-
3.	Mushtaq Ahmad Beigh, <b>Mehvish Showkat</b> , Basharat Bashir, Asma Bashir, Mahboob ul Hussain, Khurshid Iqbal Andrabi. Biomed Research International. Growth inhibition by bupivacaine is associated with inactivation of ribosomal protein S6 kinase 1.	January 2014	Yes	23146133	<b>Impact Factor 2.13</b>
4.	Mushtaq Ahmad Beigh, Mehvish <b>Showkat</b> , Mahboob ul Hussain, Khurshid Iqbal Andrabi. Journal of Biological Regulators and Homeostatic Agents. 2013 Apr-Jun; 27(2): 399-408. Loss of hydrophobic motif and activation loop phosphorylation is a consequence and not the mechanism of S6 kinase 1 inhibition by rapamycin.	April 2013	Yes	0393974X	<b>Impact Factor 2</b>
5.	Hilal Wani, Mushtaq Ahmad Beigh, Amin S, Bhat AA, Bhat S, Khan H,	April 2013	Yes	0393974X	<b>(Impact Factor 2)</b>

6.	<p>Mattoo AA, <b>Mehvish Showkat</b>, Masood A, Majid S. Journal of Biological Regulators and Homeostatic Agents. 27(2): 297-307. Methylation profile of promoter region of p16 gene in colorectal cancer patients of Kashmir valley.</p> <p>Mushtaq Ahmad Beigh, <b>Mehvish Showkat</b>, Mahboob Ul Hussain, Shafat Ahmad Lato, Sheikh Tahir Majeed, Khurshid Iqbal Andrabi. Cell Communication and Signaling. 2012 Mar 1; 10:4. doi: 10.1186/1478-811X-10-4. Rapamycin inhibition of baculovirus recombinant (BVR) ribosomal protein S6 kinase (S6K1) is mediated by an event other than phosphorylation.</p>	March 2012	Yes	1478811X	<b>(Impact Factor 3.3)</b>
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**Conference Publications (International / National)**

SNO	Publication detail as per IEEE Reference Format	Year of Publishing	Organizing Authority	Proceeding Published (Yes/No)

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

SNO	Name of the Course	Year	Conducting Agency	Duration	Dates (Starting and Ending)
1	<b>Seminars/ Symposia</b> Genomic Instability and Cancer	2007	Jointly organised by the The Ohio State University, USA and Department of Medical Oncology, SKIMS, Srinagar.	5 days	22 <sup>nd</sup> -26 <sup>th</sup> July
2.	8 <sup>th</sup> J&K SCIENCE CONGRESS on “Science, Technology and Regional Development: Opportunities and Challenges” Poster Presentation	2012	University of Kashmir, India	3 days	17 <sup>th</sup> -19 <sup>th</sup> September
3.	“Status And Conservation Of Biodiversity In India With Special Reference To Himalayas” at (October 4-5, 2013).	2013	Centre Of Research For Development and Department Of Environmental Science, University Of Kashmir in collaboration with Indian Academy of Environmental Sciences, Haridwar	2 days	4 <sup>th</sup> – 5 <sup>th</sup> October
4.	Presented a Poster in	2014	Department of Biotechnology,	4 days	13 <sup>th</sup> – 16 <sup>th</sup> April

	INTERNATIONAL CONFERENCE ON “Cellular and Molecular Mechanism of Disease Processes”		University Of Kashmir		
5.	Presented a poster in the NATIONAL SYMPOSIUM on “Biodiversity, Biology And Bio-prospecting”	2015	Department of Botany, University of Kashmir	2 days	1 <sup>st</sup> -2 <sup>nd</sup> April
6.	Presented a Poster in NATIONAL CONFERENCE on “Advances in biochemical and molecular diagnostics: Recent Research trends”	2015	Department of Biochemistry, Govt. Medical College Srinagar	2 days	9 <sup>th</sup> -10 <sup>th</sup> May
7.	Oral Presentation in 11 <sup>th</sup> J&K SCIENCE CONGRESS on “Scientific, Social and Economic dimensions of climate change”	2015	University of Kashmir	4 days	12 <sup>th</sup> – 15 <sup>th</sup> October
8.	Participated in one day National Seminar on “Clinical Chemistry Update”	2015	Sher-I-Kashmir Institute of Medical Sciences, Soura, Srinagar.	1 day	25 <sup>th</sup> August
9.	Participated in	2016	Department of	2 days	

	NATIONAL SEMINAR on “Environmental Pollution: Join the race to make the world a better place” held in (June 4-5, 2016)		Environmental Science and Centre of Research for Development University of Kashmir.		4 <sup>th</sup> -5 <sup>th</sup> June
10.	Skill Development in Biotechnology	2017	Department of Biotechnology and Bioinformatics, S.P College Srinagar	2 days	20 <sup>th</sup> – 21 <sup>st</sup> November
1.	<b>Workshops</b> Science Communication Workshop	2015	The Wellcome Trust/DBT Alliance	2 days	11 <sup>th</sup> -12 <sup>th</sup> May
2.	Induction Programme for newly recruited Assistant Professors	2017	Institute of Advanced Studies in Education (IASE) M.A. Road, Srinagar	One week	31 <sup>st</sup> January 2017
3.	Advances in Cell and Molecular Biology	2017	Departments of Biochemistry and Biotechnology Govt. College for Women M.A. Road	2 days	26 <sup>th</sup> – 27 <sup>th</sup> September

**Projects (if any from 2012 Onwards)**

<b>SNO</b>	<b>Project Title</b>	<b>Year</b>	<b>Funding Agency</b>	<b>Duration</b>	<b>Dates ( starting and Ending )</b>
1.	<b>Analysis of mechanistic inputs on mTOR downstream signaling.</b> (INSPIRE Faculty Award)	2015	Department of Science and Technology under INSPIRE	5 years	20 <sup>th</sup> April 2015- 30 <sup>th</sup> Dec 2016