Abdul Wajid Bhat, PhD
Scientist D/Ramanujan Fellow
Clinical Biochemistry,
University of Kashmir
Srinagar-190006
E-mail:- wajidbhat@gmail.com
wajidbhat@kashmiruniversity.ac.in

Research Interests:
The regulation of gene transcription is one of the most important processes in cellular adaptation and differentiation. A defect in this process has dramatic consequences for cellular functions and underlies many diseases. DNA packaging into chromatin has profound effects on different steps of transcription like initiation and elongation. We use budding yeast to study how chromatin organization is established, propagated, maintained, and changed during various cellular processes.

Education/Experience: -

Ramanujan Fellow, **Since November 215**
University of Kashmir
Srinagar

Post-doctoral Fellow **2012-2015**
Laval University Cancer Research Centre,
Quebec, Canada

Ph.D **2006-2012**
Laval University,
Quebec, Canada

Junior Research Fellow **2003-2005**
IISC, Bangalore, India

M. Sc., Biochemistry **2001-2002**
Deptt.of Biochemistry, University of Kashmir,
Srinagar, India.

Publications:

1. Casein kinase 2 mediated phosphorylation of Spt6 modulates histone dynamics and regulates spurious transcription. Gouot E, **Bhat W**, Rufiange A, Fournier E, Paquet E, Nourani A. ***Nucleic Acids Res***. 2018 Jun

2. Purification of Yeast Native Reagents for the Analysis of Chromatin Function-II: Multiprotein Complexes and Biochemical Assays. Lacoste N, **Bhat W**, Côté J. ***Methods Mol Biol****. 2017;1528:53-67*.

3. Purification of Yeast Native Reagents for the Analysis of Chromatin Function-I: Nucleosomes for Reconstitution and Manipulation of Histone Marks. Lacoste N, **Bhat W**, Côté J. ***Methods Mol Biol***. 2017;1528:39-51

4. Casein kinase 2 associates with the yeast chromatin reassembly factor Spt2/Sin1 to regulate its function in the repression of spurious transcription. **Bhat W**, Boutin G, Rufiange A, Nourani A. ***Mol Cell Biol*****. 2013** Nov;33(21):4198-211

5. Transcription Regulation by the Noncoding RNA SRG1 Requires Spt2-Dependent Chromatin Deposition in the Wake of RNA Polymerase II. Thebault P, Boutin G, **Bhat W**, Rufiange A, Martens J, Nourani A. ***Mol Cell Biol*****. 2011** Mar;31(6):1288-300

6. Genome-wide Replication-independent Histone H3 Exchange Occurs Predominantly at Promoters and Implicates H3 K56 Acetylation and Asf1. Rufiange A, Jacques PE, **Bhat W**, Robert F, Nourani A. ***Mol Cell.*** 2007 Aug 3;27(3):393-405.

7. Antimicrobial activity of marine bacteria associated with sponges from the waters off the coast of South East India. Anand TP, **Bhat AW**, Shouche YS, Roy U, Siddharth J, Sarma SP. ***Microbiol Res***. 2006;161(3):252-62