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<tr><td>Designation</td><td>:</td><td>Assistant Professor</td></tr>
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<tr><td>Academics</td><td>:</td><td>
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<tr><th>Degree</th><th>University/ Institution</th></tr>
<tr><td>PhD</td><td>Ch. Charan Singh University, Meerut</td></tr>
<tr><td>MSc</td><td>Ch. Charan Singh University, Meerut</td></tr>
<tr><td>BSc</td><td>Maharishi Dayanand Saraswati University, Ajmer</td></tr>
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<tr><td>Professional Experience</td><td>:</td><td>- Assistant Professor at SKUAST-Jammu from May 2011 onwards
- Visiting Scientist at Agri and Agri Food Canada (AAFC) in Saskatoon, SK (Canada) from January 2010 to May 2011.</td></tr>
<tr><td>Awards/ honours/ scholarships/ fellowships</td><td>:</td><td>- Received gold medal for securing 1st position during Master's Agriculture degree course
- Awarded Council of Scientific and Industrial Research (CSIR), New Delhi (India), awarded a Senior Research Fellowship (SRF) for three years (2004-2007).</td></tr>
<tr><td>Area of Specialization</td><td>:</td><td>Plant genomics and molecular breeding</td></tr>
<tr><td>Research Interests</td><td>:</td><td>- Development of genome-wide single nucleotide polymorphisms for Brassica juncea. These polymorphisms will a useful resource for the improvement of yield and quality traits for Brassica juncea in the future breeding programmes.
- Understanding genetic mechanism of heat tolerance in bread wheat</td></tr>
<tr><td>Projects (in hand & accomplished)</td><td>:</td><td>- Development of single nucleotide polymorphisms (SNPs) for Brassica juncea (Total budget: 58.43 lakhs; 2013-16)</td></tr>
<tr><td>Five best Publications</td><td>:</td><td>Gupta A, Singh R, Kumar J, Garg T, Chunneja P, Balyan HS and Gupta PK (2009). QTL analysis for grain colour and pre-harvest sprouting tolerance. The Plant Science 177: 114-122.

Mohan A, Singh R , Kulwal PL, Kumar V, Mir RR, Kumar J, Prasad M, Balyan HS and Gupta PK (2009) Genome-wide QTL analysis for pre-harvest sprouting tolerance in bread wheat. Euphytica168: 319-329.

Mohan A, Goyal A, Singh R, Balyan HS and Gupta PK (2007) Physical mapping of wheat and rye EST-SSRs on wheat chromosomes. The Plant</td></tr>
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Singh R, Kumar N, Bandopadhyay R, Rustgi S, Sharma S, Balyan HS and Gupta PK (2005) Development and use of anchored-SSRs to study DNA polymorphism in bread wheat. **Molecular Ecology Notes** 6:296-299.

Balyan HS, Gupta PK, Rustgi S, Bandopadhyay R, Goyal A, **Singh R**, Kumar A, Kumar N and Sharma S (2005) Development and use of SSRs of bread wheat for genetic and physical mapping and transferability to the species of *Triticum-Aegilops* complex. **Czeck Journal of Genetics Plant Breeding** 41 (special issue).

Kulwal PL, **Singh R**, Balyan HS and Gupta PK (2004) Genetic basis of pre-harvest sprouting tolerance using single-locus and two-locus QTL analyses in bread wheat. **Functional and Integrative Genomics** 4: 94-101.

Bandopadhyay R, Sharma S, Rustgi S, **Singh R**, Kumar A, Balyan HS and Gupta PK (2004) DNA polymorphism among 18 species of *Triticum-Aegilops* complex using wheat EST-SSRs. **Plant Science** 166: 349-356.

Gupta PK, Rustgi S, Sharma S, **Singh R**, Kumar N, Balyan HS (2003) EST-SSRs for transferability, polymorphism and genetic diversity in bread wheat. **Molecular Genetics and Genomics** 270: 315-323.