

Brief Bio-data



Name	:	Dr Raj Kumar
Designation	:	Principal Scientist (Genetics)
Division	:	Crop Improvement
email id	:	Raj.Kumar6@icar.gov.in
Contact No.	:	9876109498

Education: (Ph.D / MSc./Gradation)

S.No.	Institution/ University	Degree Awarded	Year	Discipline/ Subject
1	CCS Haryana Agricultural University, Hisar	Ph.D. Genetics	1996	Genetics
2	Haryana Agricultural University, Hisar	M.Sc. Genetics	1989	Genetics
3	D.N. college, Hisar (Kurukshetra University, Kurukshetra)	B.Sc.	1987	Botany, Zoology

Position and Employment (Starting with the most recent employment)

S. No.	Institution Place	Position/ Designation	Department/ Division	From (date)	To (date)
--------	-------------------	-----------------------	----------------------	-------------	-----------

1	ICAR-Central Potato Research Institute (RS) Jalandhar	Principal Scientist (Genetics)	Crop Improvement	1.1.2009	Till Date
2	ICAR-Central Potato Research Institute (RS) Jalandhar	Senior (Genetics)	Crop Improvement	14.9.2002	31.12.2008
3	ICAR-Central Potato Research Institute (RS) Jalandhar	Scientist (Senior Scale) (Genetics)	Crop Improvement	27.7.1998	13.9.2002
4	ICAR-Central Potato Research Institute (RS) Jalandhar	Scientist (Genetics)	Crop Improvement	19.9.1994	26.7.1998
5	ICAR-Indian Institute of Wheat and barley Research, Regional Station, Shimla	Scientist (Genetics)	On Training	18.4.1994	18.9.1994

Major Area of Research:

➤	Potato Breeding
➤	Germplasm conservation and enhancement
➤	DUS testing

List of 3-5 best research papers (Optional)

1. **Kumar, R.** G.S. Kang and S.K. Pandey 2006. Induction of fertile flowers in potato (*Solanum tuberosum* L.) by silver thiosulphate anionic complex. *Euphytica* 149 (1-2): 27-33.

2. **Kumar R** and G.S. Kang 2006. Usefulness of Andigena (*Solanumtuberosum* ssp. andigena) genotypes as parents in breeding early bulking potato cultivars. *Euphytica* 150 (1-2):107-115.
3. **Kumar, R.** and J. Gopal 2006. Repeatability of progeny mean, combining ability, heterosis and heterobeltiosis in early generations of a potato breeding programme. *Potato Research*49:131-141.
4. **Kumar, R.,** G.S. Kang and S.K. Pandey 2007. Inheritance of resistance to late blight (*Phytophthorainfestans*) in potato. *Euphytica* 155(1-2):183-191.
5. **Kumar, R.,** Kang, G.S., S.K. Pandey and J. Gopal 2011. Genetic base and relatedness of Indian early maturing potato (*Solanumtuberosum*) selections. *Journal of Agricultural Science* 149(2): 217-225. (Cambridge University Press, UK).