

Curriculum Vitae

1. Name and full correspondence address:

VINOD SINGH, Assistant Professor, Department of Biotechnology, Shri Mata Vaishno Devi University, Katra (J&K), PIN-136027

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3. Institution: Shri Mata Vaishno Devi University, Katra (J&K)

4. Date of Birth: 06-April-1973

5. Gender (M/F/T): Male

6. Category: OBC

7. Whether differently abled: No

8. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution
1.	B.Sc.	1995	Zoology, Botany, Chemistry	Kurukshetra University, Kurukshetra
2.	M.Sc.	1997	Biochemistry	Kurukshetra University, Kurukshetra

9. Qualified CSIR-UGC test for “Junior Research Fellowship” and eligibility for “lectureship” held in Dec. 1996.

10. Ph.D Thesis Title: “Understanding the Regulation of Antigen Specific T Helper Cells by Cytokines and Costimulatory Molecules Expressed on Distinct Antigen Presenting Cells”

Institute/Organization/University: Institute of Microbial Technology (IMTECH), Chandigarh (Jawaharlal Nehru University, New Delhi)

Year of Award: 2003

11. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To
1.	Research Fellow	Institute of Microbial Technology (IMTECH), Chandigarh	Feb., 1998	Feb., 2003
2.	Project Assistant	Institute of Microbial Technology (IMTECH), Chandigarh	June, 2003	May, 2004
3.	Visiting Fellow	National Cancer Institute, NIH, USA	June, 2004	June, 2009
4.	Visiting Fellow	National Center for Biological Science, TIFR,	Dec., 2009	July, 2011

		Bangalore		
5.	Assistant Professor	Shoolini University of Biotechnology and Management Sciences, Bajhol, Solan	Aug., 2011	Oct., 2012
6.	Assistant Professor	Shri Mata Vaishno Devi University, Katra	Nov., 2012	Continuing

12. Publications:

1. Sharma V, Sharma I, Sethi I, Mahajan A, Singh G, Angural A, Bhanwer AJ, Dhar MK, **Singh V**, Rai E, Sharma S. Replication of newly identified type 2 diabetes susceptible loci in Northwest Indian population. *Diabetes Res Clin Pract.* 2017 Feb 16;126:160-163.
2. Sethi I, Bhat GR, **Singh V**, Kumar R, Bhanwer AJ, Bamezai RN, Sharma S, Rai E. Role of telomeres and associated maintenance genes in Type 2 Diabetes Mellitus: A review. *Diabetes Res Clin Pract.* 2016 Dec;122:92-100.
3. Zhu Z, Cuss SM, **Singh V**, Gurusamy D, Shoe JL, Leighty R, Bronte V, Hurwitz AA. CD4+ T Cell Help Selectively Enhances High-Avidity Tumor Antigen-Specific CD8+ T Cells. *J Immunol.* 195 (2015) 3482-89.
4. Sharma V, Sharma I, Singh VP, Verma S, Pandita A, **Singh V**, Rai E, and Sharma S. mtDNA G10398A variation provides risk to type 2 diabetes in population group from the Jammu region of India. **Meta Gene**, 2 (2014) 269-273.
5. **Singh V**, Ji Q, Feigenbaum L, and Hurwitz AA. Melanoma progression despite infiltration by in vivo-primed TRP-2 specific T cells. **J. Immunotherapy**, 32 (2009) 129-139.
6. **Singh V**, Agrewala JN. Regulatory role of pro-Th1 and pro-Th2 cytokines in modulating the activity of Th1 and Th2 cells when B cell and macrophages are used as antigen presenting cells. **BMC Immunol.** 7 (2006) 17.
7. Agrewala JN, Suvas S, **Singh V**, Vohra H. Delivery of antigen in allogeneic cells preferably generates CD4⁺ Th1 cells. **Clin. Exp. Immunol.** 134 (2003) 13-22.
8. Suvas S, **Singh V**, Sahdev S, Vohra H, Agrewala JN. Distinct role of CD80 and CD86 in the regulation of the activation of B cell and B cell lymphoma. **J Biol Chem.** 277 (2002) 7766-75.
9. Raghevendra V, **Singh V**, Shaji AV, Vohra H, Kulkarni SK and Agrewala JN. Melatonin provides signal 3 to unprimed CD4⁺ T cells but failed to stimulate LPS primed B cells. **Clin. Exp. Immunol.** 124 (2001) 414-22.
10. Raghevendra V, **Singh V**, Kulkarni SK, Agrewala JN. Melatonin enhances Th2 cell mediated immune responses: Lack of sensitivity to reversal by naltrexone or benzodiazepine receptor antagonists. **Mol. Cell. Biochem.** 221 (2001) 57-62.