

BIOGRAPHICAL SKETCH OF INVESTIGATORS

1. Name : Rituraj Purohit
2. Designation: Senior Scientist
3. Department/Institute/University : Department of Biotechnology, CSIR-Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh -176061.
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4. Education

S. No.	Institution Place	Degree Awarded	Field of Study
1	Indian Institute Of Information Technology, Allahabad India	M.Tech	Bioinformatics
2	Vellore Institute of Technology,University, Vellore, India.	Ph.D	Bioinformatics

5. Position and Honors

S. No.	Institution Place	Position	From (Date)	To (date)
1	Department of Biotechnology , CSIR-Institute of Himalayan Bioresource Technology (Council of Scientific & Industrial Research) Palampur (H.P.) India	Senior Scientist	December 26, 2014 onwards	Till date
2	School of Bio Sciences and Technology , Vellore Institute of Technology,University, Vellore, India.	Associate Professor	September 01, 2013-	December 24, 2014
3	School of Bio Sciences and Technology , Vellore Institute of Technology,University, Vellore, India.	Assistant Professor	January 07, 2007-	August 31, 2013

9. Key Publications:

1. Tanwar G, Mazumder AG, Bhardwaj V, Kumari S, Bharti R, Singh D, Das P, **Purohit R**. Target identification, screening and in vivo evaluation of pyrrolone-fused benzosuberene compounds against human epilepsy using Zebrafish model of pentylentetrazol-induced seizures. **Scientific reports**. 2019 May 27;9(1):7904.
2. Kumar S, Sinha K, Sharma R, **Purohit R**, Padwad Y. Phloretin and phloridzin improve insulin sensitivity and enhance glucose uptake by subverting PPAR γ /Cdk5 interaction in differentiated adipocytes. **Experimental Cell Research**. 2019, doi: 10.1016/j.yexcr.2019.06.025.
3. Bhardwaj V, **Purohit R**. Computational investigation on effect of mutations in PCNA resulting in structural perturbations and inhibition of mismatch repair pathway. **Journal of Biomolecular Structure and Dynamics**. 2019, doi:10.1080/07391102.2019.1621210.
4. Rajendran V, Gopalakrishnan C, **Purohit R**. Impact of point mutation P29S in RAC1 on tumorigenesis. **Tumor Biology**. 2016 Nov 1;37(11):15293-304.
5. Kumar A, **Purohit R**. Use of long term molecular dynamics simulation in predicting cancer associated SNPs. **PLoS computational biology**. 2014 Apr 10;10(4):e1003318.

Place : Palampur

Date : 12/7/19