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### **Citation on the Research Work: Prof. Sanjeev Galande**

Prof. Sanjeev Galande has made original contributions in the field of epigenetics, in particular, the role of dynamic 3-dimensional chromatin organization and gene regulatory networks in development and disease. His group has provided unequivocal evidence to establish that SATB1, a novel target of Wnt signalling, reprograms the expression of tumour growth and metastasis associated genes to promote tumorigenesis and functionally overlaps with Wnt signalling during colorectal cancer progression. SATB1 is now considered as an important determinant of prognostic value in multiple cancers and Galande's work has provided the molecular basis for the same.

Recently he was awarded a patent for effective prognosis of solid cancers based on these molecular studies quantifying the combined expression pattern of SATB family proteins. Furthermore, his group provided direct evidence for anti-cancer property of statins using a multi-omics approach. Galande's work demonstrated a significant correlation between statins and tumour suppressive phenotype in colorectal cancer. The immediate outcome of these studies has tremendous potential towards designing effective therapeutics.

Nominator: Dr. Rita Mulherkar

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