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Present Title & Affiliation

Primary Appointment

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Education & Training

Degree-Granting Education

1993 Gujarat University, Ahmedabad, India, PHD, Cell Biology

Postgraduate Training

2/1995- Fellowship, The University of Texas MD Anderson Cancer Center, Houston,
6/1997 TX
8/1993- Fellowship, Gujarat University, Ahmedabad, India
1/1995

Selected Publications

Peer-Reviewed Original Research Articles

1. [Gallardo M, Lee HJ, Zhang X, Bueso-Ramos C, Pagoon LR, McArthur M, Multani A, Nazha A, Manshoury T, Parker-Thornburg J, Rapado I, Quintas-Cardama A, Kornblau SM, Martinez-Lopez J, Post SM.](#) hnRNP K is a novel haploinsufficient tumor suppressor that regulates proliferation and differentiation programs in hematologic malignancies. *Cancer Cell* 28(4):486-499, 10/12/2015. e-Pub 9/24/2015. PMID: PMC4652598.

2. [Colla S, Ong DS, Ogoti Y, Marchesini M, Mistry NA, Clise-Dwyer K, Ang SA, Storti P, Viale A, Giuliani N, Ruisaard K, Ganan Gomez I, Bristow CA, Estecio M, Weksberg DC, Ho YW, Hu B, Genovese G, Pettazzoni P, Multani AS, Jiang S, Hua S, Ryan MC, Carugo A, Nezi L, Wei Y, Yang H, D'Anca M, Zhang L, Gaddis S, Gong T, Horner JW, Heffernan TP, Jones P, Cooper LJ, Liang H, Kantarjian H, Wang YA, Chin L, Bueso-Ramos C, Garcia-Manero G, DePinho RA.](#) Telomere dysfunction drives aberrant hematopoietic differentiation and myelodysplastic syndrome. *Cancer Cell* 27(5):644-57, 5/11/2015. PMID: PMC4596059.
3. [McAuliffe PF, Evans KW, Akcakanat A, Chen K, Zheng X, Zhao H, Eterovic AK, Sangai T, Holder AM, Sharma C, Chen H, Do KA, Tarco E, Gagea M, Naff KA, Sahin A, Multani AS, Black DM, Mittendorf EA, Bedrosian I, Mills GB, Gonzalez-Angulo AM, Meric-Bernstam F.](#) Ability to generate Patient-Derived Breast Cancer Xenografts is enhanced in chemoresistant disease and predicts poor patient outcomes. *PLoS One* 10(9):10(9) e0136851, 2015. e-Pub 9/1/2015. PMID: PMC4556673.
4. [Wang Y, Waters J, Leung ML, Unruh A, Roh W, Shi X, Chen K, Scheet P, Vattathil S, Liang H, Multani A, Zhang H, Zhao R, Michor F, Meric-Bernstam F, Navin NE.](#) Clonal evolution in breast cancer revealed by single nucleus genome sequence. *Nature* 512(7513):155-60, 8/2014. PMID: PMC25079324.
5. [Singh MM, Howard A, Irwin ME, Gao Y, Lu X, Multani A, Chandra J.](#) Expression and activity of Fyn mediate proliferation and blastic features of chronic myelogenous leukemia. *PLoS One* 7(12):e51611, 2012. e-Pub 12/2012. PMID: PMC3524192.
6. [Deriano L, Chaumeil J, Coussens M, Multani A, Chou Y, Alekseyenko AV, Chang S, Skok JA, Roth DB.](#) The RAG2 C-terminus suppresses genomic instability and lymphomagenesis. *Nature* 471(7336):119-23, 3/2011. PMID: PMC3174233.
7. [Multani AS, Chang S.](#) Cytogenetic analysis of telomere dysfunction. *Methods Mol Biol* 735:139-43, 2011. PMID: PMC3725757.
8. [Rai R, Zheng H, He H, Luo Y, Multani A, Carpenter PB, Chang S.](#) The function of classical and alternative non-homologous end-joining pathways in the fusion of dysfunctional telomeres. *EMBO J* 29(15):2598-610, 8/2010. e-Pub 6/2010. PMID: PMC2928694.
9. [Liang Y, Gao H, Lin SY, Peng G, Huang X, Zhang P, Goss JA, Brunicardi FC, Multani AS, Chang S, Li K.](#) BRIT1/MCPH1 is essential for mitotic and meiotic recombination DNA repair and maintaining genomic stability in mice. *PLoS Genet* 6(1):e1000826, 1/2010. e-Pub 1/2010. PMID: PMC2809772.
10. [Wu L, Multani AS, He H, Cosme-Blanco W, Deng Y, Deng JM, Bachilo O, Pathak S, Tahara H, Bailey SM, Deng Y, Behringer RR, Chang S.](#) Pot1 deficiency initiates DNA damage checkpoint activation and aberrant homologous recombination at telomeres. *Cell* 126(1):49-62, 7/2006. PMID: 16839876.

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