

Harish Chander, Ph.D.

Scientist Grade-I

Therapeutics/ Blood Product Laboratory

& Vaccine and Antisera Laboratory

NIB, NOIDA



Year of Joining: 2019

Professional Experience: 18 Years

Research Interests: Vaccines, Covid-19 vaccines, Breast Cancer Research, Monoclonal Antibodies

Research Assistant: PGIMER, Chandigarh

Postdoctoral Fellow:

1. Institute for Basic Research, Staten Island, New York
2. Mount Sinai Hospital, New York
3. Queen's University, Kingston, Canada

Assistant Professor in Molecular Medicine:

Central University of Punjab, Bathinda

Major Publications:

1. Suman P, Mishra S, Chander H. High formin binding protein 17 (FBP17) expression indicates poor differentiation and invasiveness of ductal carcinomas. *Scientific Reports*. 2020 Jul;10(1):11543.
2. Mehta V, Chander H, Munshi A. Mechanisms of Anti-Tumor Activity of *Withania somnifera* (Ashwagandha). *Nutrition and Cancer*. 2020 Jun 13:1-3.
3. Singh G, Mishra S, Chander H. KIBRA Team Up with Partners to Promote Breast Cancer Metastasis. *Pathology & Oncology Research*. 2020 Apr;26(2):627-34.
4. Chawda N, Mishra S, Basu M, Chander H, Podder R, Mahapatra SK, Banerjee I. Synthesis of gadolinium oxide nanocuboids for in vitro bioimaging applications. *Materials Research Express*. 2019 Sep 13;6(10):1050c3.
5. Barkhade T, Mishra S, Chander H, Mahapatra SK, Banerjee I. Effect of TiO₂ and Fe doped TiO₂ nanoparticles on mitochondrial membrane potential in HBL-100 cells. *Biointerphases*. 2019 Jul 7;14(4):041003.
6. Binayke A, Mishra S, Suman P, Das S, Chander H. Awakening the “guardian of genome”: reactivation of mutant p53. *Cancer Chemotherapy and Pharmacology*. 2019 Jan 31;83(1):1-5.

7. Suman P, Mishra S, Chander H. High expression of FBP17 in invasive breast cancer cells promotes invadopodia formation. *Medical Oncology*. 2018 May 1;35(5):71.
8. Singla H, Ludhiadch A, Kaur RP, Chander H, Kumar V, Munshi A. Recent advances in HER2 positive breast cancer epigenetics: Susceptibility and therapeutic strategies. *European journal of medicinal chemistry*. 2017 Dec 15;142:316-27.
9. Cerqueira OL, Truesdell P, Baldassarre T, Vilella-Arias SA, Watt K, Meens J, Chander H, Osório CA, Soares FA, Reis EM, Craig AW. CIP4 promotes metastasis in triple-negative breast cancer and is associated with poor patient prognosis. *Oncotarget*. 2015 Apr 20;6(11):9397.
10. Chander H, Brien CD, Truesdell P, Watt K, Meens J, Schick C, Germain D, Craig AW. Toca-1 is suppressed by p53 to limit breast cancer cell invasion and tumor metastasis. *Breast Cancer Research*. 2014 Dec 1;16(6):3413.