

## Shweta Tyagi

Centre for DNA Fingerprinting and Diagnostics  
(CDFD)

<http://www.cdfd.org.in/labpages/shweta.html>



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### Talk title:

### Brief Bio

**Dr. Shweta Tyagi** obtained her Ph.D. from the International Centre for Genetic Engineering & Biotechnology, New Delhi. She joined the group of Prof. Winship Herr at Cold Spring Harbor Laboratory, New York and later at Center for Integrative Genomics, University of Lausanne, Switzerland for her post-doctoral research. Shweta started her laboratory as a Group Leader at the Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad in 2010. Her group focuses on understanding how chromatin modifiers regulate cell-cycle progression and, how perturbation of these functions may promotes oncogenesis.

### Recent publications:

Zafar Ullah Zargar, Mallikharjuna Kimidi and **Shweta Tyagi** (2018). Dynamic site-specific recruitment of RBP2 by pocket protein p130 modulates H3K4 methylation on E2F-responsive promoters. **Nucleic Acids Res.** 46(1) 174-188

Aamir Ali, Sailaja Naga Veeranki, Akash Chinchole and **Shweta Tyagi** (2017) MLL/WDR5 complex regulates Kif2A localization to ensure chromosome congression and proper spindle assembly during mitosis. **Developmental Cell** 41(6) 605-622.