

# Stanford

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## Monica Varun Tyagi

Postdoctoral Research Fellow, General Surgery

### Bio

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#### PROFESSIONAL EDUCATION

- Bachelor of Science, Delhi University (2006)
- Master of Science, Delhi University (2008)
- Doctor of Philosophy, Homi Bhabha National Institute (2015)

#### STANFORD ADVISORS

- Electron Kebebew, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Distinct genome-wide methylation patterns in sporadic and hereditary nonfunctioning pancreatic neuroendocrine tumors.** *Cancer*  
Tirosh, A., Mukherjee, S., Lack, J., Gara, S. K., Wang, S., Quezado, M. M., Keutgen, X. M., Wu, X., Cam, M., Kumar, S., Patel, D., Nilubol, N., Tyagi, et al  
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- **Genomic characterization and dynamic methylation of promoter facilitates transcriptional regulation of H2A variants, H2A.1 and H2A.2 in various pathophysiological states of hepatocyte** *INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY*  
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- **Trichostatin A decreases the levels of MeCP2 expression and phosphorylation and increases its chromatin binding affinity.** *Epigenetics*  
Good, K. V., Martínez de Paz, A., Tyagi, M., Cheema, M. S., Thambirajah, A. A., Gretzinger, T. L., Stefanelli, G., Chow, R. L., Krupke, O., Hendzel, M., Missiaen, K., Underhill, A., Landsberger, et al  
2017; 12 (11): 934–44
- **Y-labelled microspheres for therapy of hepatocellular carcinoma.** *Indian journal of medical research*  
Subramanian, S., Pandey, U., Chaudhari, P., Tyagi, M., Gupta, S., Singh, G., Dash, A., Samuel, G., Venkatesh, M.  
2016; 143: S74-S81
- **Chromatin remodelers: We are the drivers!!** *NUCLEUS*  
Tyagi, M., Imam, N., Verma, K., Patel, A. K.  
2016; 7 (4): 388-404
- **Techniques to access histone modifications and variants in cancer.** *Methods in molecular biology (Clifton, N.J.)*  
Tyagi, M., Khan, S. A., Bhattacharya, S., Reddy, D., Sharma, A. K., Khade, B., Gupta, S.  
2015; 1238: 251-272
- **Expression of histone variant, H2A.1 is associated with the undifferentiated state of hepatocyte** *EXPERIMENTAL BIOLOGY AND MEDICINE*  
Tyagi, M., Khade, B., Khan, S. A., Ingle, A., Gupta, S.

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- **Cell-type specificity of beta-actin expression and its clinicopathological correlation in gastric adenocarcinoma** *WORLD JOURNAL OF GASTROENTEROLOGY*

Khan, S. A., Tyagi, M., Sharma, A. K., Barreto, S. G., Sirohi, B., Ramadwar, M., Shrikhande, S. V., Gupta, S.

2014; 20 (34): 12202-12211