**VIKAS SRIVASTAVA, PhD**

Scientist,

Indian Institute of Toxicology Research

Lucknow, India

**Publications**

**1**. Ratnakar Tiwari, Radha Dutt Singh, Hafizurrahman Khan, Siddhartha Gangopadhyay, Sandeep Mittal, Vikas Singh, Nidhi Arjaria, Jai Shankar, Somendu Kumar Roy, Dhirendra Singh & **Vikas Srivastava** (2017). [Oral subchronic exposure to silver nanoparticles causes renal damage through apoptotic impairment and necrotic cell death](http://www.tandfonline.com/doi/abs/10.1080/17435390.2017.1343874).

***Nanotoxicology*.** <http://dx.doi.org/10.1080/17435390.2017.1343874>. IF:7.9

# 2.[Hafizurrahman Khan](https://www.researchgate.net/profile/Hafizurrahman_Khan2),  [Radha Dutt Singh](https://www.researchgate.net/profile/Radha_Dutt_Singh), [Ratnakar Tiwari](https://www.researchgate.net/profile/Ratnakar_Tiwari), [Siddhartha Gangopadhyay](https://www.researchgate.net/researcher/2128002036_Siddhartha_Gangopadhyay), [Somendu Roy](https://www.researchgate.net/profile/Somendu_Roy), [Dhirendra Singh](https://www.researchgate.net/researcher/2128008673_Dhirendra_Singh),  [Vikas Srivastava](https://www.researchgate.net/profile/Vikas_Srivastava7) (2017). Mercury Exposure Induces Cytoskeleton Disruption and Loss of Renal Function through Epigenetic Modulation of MMP9 Expression.

# *Toxicology* 386 · May 2017, DOI: 10.1016/j.tox.2017.05.006. IF:3.6

 **3.** Sanjay Mishra, Girish Rai, Amit Kumar Srivastava, Amit Kumar Singh , Asrar Ahmad, Shankar Suman, Madhulika Singh , Mohana Krishna Reddy Mudiam, Brij Nath Tiwari, Prachi Gupta, Vivek Kumar Gaur, **Vikas Srivastava**, Vijay Kumar, Yogeshwer Shukla (2016). miR-34a overexpression induces senescence associated secretory phenotypes in doxorubicin induced pseudo-senescent triple negative breast cancer cells via SOCS4-IL6-STAT3 axis.

***Am J Cancer Res*** 2016; 6(10):XXX-XXX www.ajcr.us /ISSN:2156-6976/ajcr0035143 IF:4.1

**4.** Anshuman Singh\*, Anita Agrahari\*, Radha Dutt Singh, Sanjay Yadav, **Vikas Srivastava#** & Devendra Parmar**#** (2016). Imprinting of cerebral cytochrome P450s in offsprings prenatally exposed to cypermethrin augments toxicity on rechallange.

***Scientific Reports*** 6, Article number: 37426. IF:4.3

 **# Co-corresponding authors.**

**5.** [Ankit Kumar Singh](http://www.sciencedirect.com/science/article/pii/S1011134416309241), [Ratnakar Tiwari](http://www.sciencedirect.com/science/article/pii/S1011134416309241), [Vijay Kumar](http://www.sciencedirect.com/science/article/pii/S1011134416309241), [Prabhakar Singh](http://www.sciencedirect.com/science/article/pii/S1011134416309241), [S.K. Riyazat Khadim](http://www.sciencedirect.com/science/article/pii/S1011134416309241), [Anupam Tiwari](http://www.sciencedirect.com/science/article/pii/S1011134416309241), **[Vikas Srivastava](http://www.sciencedirect.com/science/article/pii/S1011134416309241)**, [S.H. Hasan](http://www.sciencedirect.com/science/article/pii/S1011134416309241), [R.K. Asthana](http://www.sciencedirect.com/science/article/pii/S1011134416309241) (2016).Photo-induced biosynthesis of silver nanoparticles from aqueous extract of *Dunaliella salina* and their anticancer potential

[***Journal of Photochemistry and Photobiology B: Biology***](http://www.sciencedirect.com/science/journal/10111344)**.** Jan; 166: 202-211. IF:2.7

**6.** Srivastava A, Tiwari R, **Srivastava V**, Singh TB, Asthana RK. (2015). Fresh Water Cyanobacteria Geitlerinema sp. CCC728 and Arthrospira sp. CCC729 as an Anticancer Drug Resource.

**PLoS ONE** 10(9): e0136838. doi:10.1371/journal.pone.0136838.IF:2.8

**7.** [Singh RD](http://www.ncbi.nlm.nih.gov/pubmed/?term=Singh%20RD%5BAuthor%5D&cauthor=true&cauthor_uid=26008221), [Tiwari R](http://www.ncbi.nlm.nih.gov/pubmed/?term=Tiwari%20R%5BAuthor%5D&cauthor=true&cauthor_uid=26008221), [Khan H](http://www.ncbi.nlm.nih.gov/pubmed/?term=Khan%20H%5BAuthor%5D&cauthor=true&cauthor_uid=26008221), [Kumar A](http://www.ncbi.nlm.nih.gov/pubmed/?term=Kumar%20A%5BAuthor%5D&cauthor=true&cauthor_uid=26008221), [**Srivastava V**](http://www.ncbi.nlm.nih.gov/pubmed/?term=Srivastava%20V%5BAuthor%5D&cauthor=true&cauthor_uid=26008221). 2015. Arsenic exposure causes epigenetic dysregulation of IL-8 expression leading to proneoplastic changes in kidney cells.

[***Toxicol Lett*.**](http://www.ncbi.nlm.nih.gov/pubmed/26008221)  2015 May 22; 237(1):1-10. IF:3.2

**8.** Shashi Kant Tiwari, Swati Agarwal, Brashket Seth, Anuradha Yadav, Saumya Nair, Priyanka Bhatnagar, Madhumita Karmakar, Manisha Kumari, Lalit Kumar Singh Chauhan, Devendra Kumar Patel, **Vikas Srivastava**, Dhirendra Singh, Shailendra Kumar Gupta, Anurag Tripathi, Rajnish Kumar Chaturvedi, and Kailash Chand Gupta. 2013.

## [Curcumin-Loaded Nanoparticles Potently Induce Adult Neurogenesis and Reverse Cognitive Deficits in Alzheimer’s Disease Model *via* Canonical Wnt/β-Catenin Pathway](http://pubs.acs.org/doi/abs/10.1021/nn405077y).

## *ACS NANO.* 2014, *8* (1), pp 76–103. IF:14.3

**8.** Singh A, Yadav S, **Srivastava V**, Kumar R, Singh D, Sethumadhavan R, Parmar D.2013. [Imprinting of Cerebral and Hepatic Cytochrome P450s in Rat Offsprings Exposed Prenatally to Low Doses of Cypermethrin.](http://www.ncbi.nlm.nih.gov/pubmed/23447098)

***Mol Neurobiol***. Aug; 48(1):128-40. IF: 5.471.

**9. Srivastava V**, Dey I, Leung P, Chadee K. 2012.Prostaglandin E2 modulates interleukin-8 expression through formation of a multiprotein enhanceosome in human colonic epithelial cells.

 ***Eur J Immunol****.* 42(4):912-23. IF: 4.97.

# 10. [Singh VK](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Singh%20VK%22%5BAuthor%5D), [Srivastava V](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Srivastava%20V%22%5BAuthor%5D), [Singh V](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Singh%20V%22%5BAuthor%5D), [Rastogi N](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Rastogi%20N%22%5BAuthor%5D), [Roy R](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Roy%20R%22%5BAuthor%5D), [Shaw AK](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Shaw%20AK%22%5BAuthor%5D), [Dwivedi AK](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Dwivedi%20AK%22%5BAuthor%5D), [Srivastava R](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Srivastava%20R%22%5BAuthor%5D), [Srivastava BS](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Srivastava%20BS%22%5BAuthor%5D). 2011. Overexpression of Rv3097c in *Mycobacterium bovis* BCG abolished the efficacy of BCG vaccine to protect against Mycobacterium tuberculosis infection in mice.

# [*Vaccine*.](http://www.ncbi.nlm.nih.gov/pubmed/21565242) 29(29-30):4754-60. IF: 3.458.

**11.** Wallace JL, Vong L, Dharmani P, **Srivastava V**, Chadee K. 2011.Muc2-deficient mice display a gender-specific, Cox-2 related impairment of gastric mucosal repair*.*

[***Am J Pathol****.*](http://www.ncbi.nlm.nih.gov/pubmed/21356364) 178(3):1126-33. IF: 5.327.

**12.** Dharmani P, **Srivastava V**, Kissoon-Singh V, Chadee K. 2009. Role of intestinal mucins in innate host defense mechanisms against pathogens*.* ***J Innate Immun***. 1(2):123-35.IF:  4.458.

**13**. Saxena A, **Srivastava V**, Srivastava R, Srivastava BS.2008. [Identification of genes of *Mycobacterium tuberculosis* upregulated during anaerobic persistence by fluorescence and kanamycin resistance selection.](http://www.ncbi.nlm.nih.gov/pubmed/18434250)

***Tuberculosis*** (Edinb). 88(6):518-25. IF: 3.033.

**14.** **Srivastava V**, Jain A, Srivastava BS, Srivastava R. 2008. [Selection of genes of *Mycobacterium tuberculosis* upregulated during residence in lungs of infected mice.](http://www.ncbi.nlm.nih.gov/pubmed/18054522)

***Tuberculosis*** (Edinb). 88(3):171-7. IF: 3.033.

**15.** **Srivastava V**, Rouanet C, Srivastava R, Ramalingam B, Locht C, Srivastava BS. 2007. [Macrophage-specific Mycobacterium tuberculosis genes: identification by green fluorescent protein and kanamycin resistance selection.](http://www.ncbi.nlm.nih.gov/pubmed/17322185)

***Microbiology*.** 153(3):659-66. IF:2.852.