



Name: Kirti Megha

Designation: Ph.D student

Qualification: M.sc (Hons) Zoology

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Research activity: Effect of Excessive Zinc in Relation to Leptin and Intestinal Pathology of Wistar rat.

Thesis: Development and validation of Real time PCR for detection of *Acanthamoeba* pathogenic species, their genetic characterization and *in vitro* drug susceptibility.

Thesis Guide: Dr. Sumeeta Khurana

Achievement:

Papers

1. Excessive zinc in diet induces leptin resistance in Wistar rat through increased uptake of nutrients at intestinal level. *Journal of Trace Elements in Medicine and Biology*. 2012 Mar 1826 : 267– 272. doi: 10.4103/0378-6323.152740.
- 2 Free living amoebae in water sources of critical units in a tertiary care hospital in India Khurana, M Biswal, H Kaur, P Malhotra, P Arora, K Megha, N Taneja, R Sehgal. *S. Indian Journal of Medical Microbiology*, (2015) 33(3):343-5.

- 3 Genotyping of *Acanthamoeba* spp causing Granulomatous Amoebic Encephalitis. Kirti Megha, Sumeeta Khurana and Rakesh Sehgal International Journal of Infectious Diseases. 2016; 45 Suppl 1: 1– 477. (Abstract - “17th International Congress on Infectious Diseases (ICID) 2016”, Hyderabad, India)

