

5<sup>th</sup> International Congress on

# INFECTIOUS DISEASES

March 01-02, 2018 Berlin, Germany

## Epidemiological studies on tuberculosis and ethnopharmacological methods of its control among tribals of Anuppur district, Madhya Pradesh, India

Poonam Sharma<sup>1</sup> and Rambir Singh<sup>2</sup><sup>1</sup>Indira Gandhi National Tribal University, India<sup>2</sup>Bundelkhand University, India

Currently, one third of the world population is infected with *Mycobacterium tuberculosis*, the causative organism of Tuberculosis (TB), and new cases are being reported every year. In 2013, World Health Organization (WHO) reported 9 million new cases of TB and 1.5 million deaths, worldwide. India is having the highest burden of TB in the world, accounting for nearly one third of all TB cases. WHO statistics showed the incidence of 2.1 million new TB cases in India, in 2013. Madhya Pradesh accounts for highest population (14.7%) of scheduled tribes (ST) among Indian states. According to the 2011 population census, 25.7% of the state population is ST. Anuppur district is among the least developed districts in the state. All tehsels of the Anuppur district are having significant number of ST population. The main ST populations in Amarkantak area of Anuppur district are Baiga, Gond, Panika, Kamars, Birhor, Bharias and Hill Korbas. Due to lack of awareness, illiteracy and poverty, sizable number of tribals are suffering from TB. The present paper focuses on the socio-economic, nutritional and health status of tribal population in Anuppur district of MP. The possible reasons for TB prevalence and seasonal indices of TB have been explored. We have also explored the ethno-medicinal practices for healthcare management among the tribal population, especially the use of medicinal plants for the control of TB.

### Biography

Poonam Sharma completed her PhD in Zoology from Dr. B R Ambedkar University, Agra, India in 2002. Her research interests include "Toxicology, natural antioxidant in prevention of toxicity and infection biology". She has published over 40 research papers in reputed and peer reviewed journals. He has completed three research projects funded by various funding agencies of Government of India. Presently, she is working as an Associate Professor of Zoology at Indira Gandhi National Tribal University, Madhya Pradesh, India.

pnm245@yahoo.com

### Notes: