

Dr. Munesh Kumar Gupta

Assistant Professor

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Academic qualifications

M.D. (Microbiology)	Banaras Hindu University	2014
M.B.B.S.	Pt. Ravishankara Shukla University, Raipur, C.G.	2009

Teaching experience

- Assistant Professor, Department of Microbiology, Institute of Medical Sciences, Banaras Hindu University, Varanasi, U.P. 17th May 2016 onward
- Assistant Professor, Department of Microbiology, VCSGMS&RI, Srinagar, Pauri, Uttarakhand. 8th January 2016 – 13th May 2016
- Assistant Professor, Department of Microbiology, National Institute of Medical Sciences, Jaipur, Rajasthan. 24th July 2014 – 6th January 2016

Current Research Interest

Mycology
Bacteriology
Molecular Diagnostics
Drug resistance
Hospital Infection Control

Research Experience

A. MD dissertation: Clinicomicrobiological study of infectious keratitis especially focussing on fungal infections.

B. Research paper published in Indexed International/ National Journals:

1. Pandey N, **Gupta MK**, Tilak R. Extracellular hydrolytic enzyme activities of the different Candida spp. isolated from the blood of the Intensive Care Unit-admitted patients. J Lab Physicians 2018;10:392-396
2. **Gupta MK**, Chandra A, Prakash P, Tilak R. Necessity to identify the causative agent for appropriate treatment in fungal corneal ulcer: an in vitro study. Journal de mycologie medicale. 2018 Mar 1;28(1):201-5.
3. **Gupta MK**, Prakash P, Bharti S, Paswan AK, Singh DK, Tilak R. Superoxidised water: A promising disinfectant against bacterial and fungal pathogens. Annals of Pathology and Laboratory Medicine. 2017 Feb 3;4(1):A19-22.
4. **Gupta M**, Chandra A, Prakash P, Banerjee T, Maurya OP, Tilak R. Fungal keratitis in north India; Spectrum and diagnosis by Calcofluor white stain. Indian journal of medical microbiology. 2015 Jul 1;33(3):462.
5. Agnihotri S, **Gupta MK**, Dhar E. Staphylococcal Nasal Carriage among Health Care Personnel at Tertiary Care Hospital, Jaipur, India. Int. J. Healthcare Sci. 2015;3(1):361-4.
6. **Gupta MK**, Banerjee T, Anupurba S, Tilak R. Changing trend in susceptibility to vancomycin of methicillin susceptible and resistant Staphylococcus aureus clinical isolates from a tertiary care centre. Indian Journal of Pathology and Microbiology. 2014 Oct 1;57(4):662

7. Chandra A, **Gupta MK**, Tilak R. Candida albicans isolated from post-operative penetrating keratoplasty patient: Case report. Asian Journal of Medical Sciences. 2014;5(3):116-9.
8. **Gupta MK**, Banerjee T, Patel SK, Nath G, Chandra A, Tilak R. Post Keratoplasty Keratitis with Pandrug Resistant Pseudomonas spp. Showing False Susceptibility to Carbapenems. Asian Journal of Medical Sciences. 2014;5(1):70-2.
9. **Gupta MK**, Banerjee T, Kumar D, Rastogi A, Tilak R. White grain mycetoma caused by Scedosporium apiospermum in North India: a case report. The international journal of lower extremity wounds. 2013 Dec;12(4):286-8.
10. Gahlot R, Nigam C, Kumar V, **Gupta M**. Catheter related blood stream infections in ICU:A study from North India. International Journal of Infection Control. 2013 May 20;9(2).
11. **Gupta MK**, Gahlot R, Nigam C, Kumar V. Biofilm: detection methods and correlation with antimicrobial resistance in staphylococcus. National Journal of Laboratory Medicine. 2013;2(2):7-10.
12. Kumari V, Banerjee T, Negi N, Gupta MI, Tiwari K, **Gupta M**. Human fascioliasis with biliary complications. The Journal of communicable diseases. 2013;45(1-2):91-3.
13. Chandra A, **Gupta MK**, Prakash D, Tilak R, Maurya OPS. Diagnosis of Keratomycoses: an update. International Journal of current research. 2013; 5(11):3474-9
14. Tilak R, Kumar V, Nigam C, **Gupta MK**, Kumar R, Jain RK. Clinicomycological spectrum of fungal rhino-sinusitis from university hospital, North India. Journal of Clinical and Diagnostic Research. 2012;6(4):656-9.

Chapter published in Book

Gupta MK, Prakash P. Introduction to infectious diseases. Text book of Ayurvediya Vikriti-Vijnana & Roga Vijnana, 1st Edn. New Delhi: Chaukhambha ; 2018. P 370-391.

Organised conference

1. Chairperson of Scientific Committee of 1st International conference on Bacteriophages in River Ganga, Varanasi 2017
2. Chairperson of registration committee of 12th National IATP (Indian academy of Tropical Parasitology) Conference, Varanasi 7-9th Sept 2018

CME/ Workshop attended

1. CME on "Life threatening fungal infections" on 7th Dec.2013, at S.G.P.G.I., Lucknow
2. Workshop on Hospital based surveillance on invasive infection on 7th-9th Nov 2016 at CMC, Vellore
3. 8th national CME on Eye Banking, Eye Banking Association of India & Varanasi ophthalmic Society (VOS) 1-2nd October 2016
4. 14th Infectious Disease Certificate Course, Hinduja hospital, Mumbai from 11th-16th Sept 2017
5. Basic Course workshop in Medical education Technologies, institute of Medical Sciences, BHU, Varanasi from 21st -23rd Nov 2017
6. Workshop on research Methodology & Biostatistics, ICMR, new delhi from 20th-22nd June 2018
7. Faculty Awareness Programme on SWAYAM, Banaras Hindu University, Varanasi
8. Deployment as EMR in Thrissur District of Kerala for 15days from 16th-30th Sept 2018

Conference participation

1. XXXIV National Conference of Indian Association of Medical Microbiologists, Varanasi 2011
2. XXXVI National Conference of Indian Association of Medical Microbiologists, New Delhi 2012

3. XXXVII National Conference of Indian Association of Medical Microbiologists, Hyderabad 2013
4. 1st International conference on Bacteriophages in River ganga, Varanasi 2017
5. IVth International Sepsis Congress 2017, New Delhi

Oral Paper presented in conference

1. Spectrum of fungal pathogens of corneal ulcer and its antifungal susceptibility pattern in eastern part of Uttar Pradesh at XXXVII National Conference of Indian Association of Medical Microbiologists, Hyderabad

Poster presented in conference

1. A case report of MDR *Pseudomonas aeruginosa* isolated from post-operative keratoplasty patients. XXXIV National Conference of Indian Association of Medical Microbiologists, Varanasi
2. Acute TORCH infection in females with bad obstetric history in North India. XXXVI National Conference of Indian Association of Medical Microbiologists, New Delhi
3. Isolation of *Pseudomonas aeruginosa* specific Bacteriophage from holy River Ganga. 1st ICBRG Varanasi 2017
4. Activity of superoxidised water against bacterial and fungal pathogen isolated from critically ill patients. IVth International Sepsis Congress, New Delhi 2017

Membership of Professional Bodies

Life Member-Indian Association of Medical Microbiologists (IAMM)

(Munesh Kumar Gupta)

*Google Scholar Profile Link: <https://scholar.google.co.in/citations?user=yiLx6IQAAAAJ&hl=en>

#ResearchGate profile link: s://www.researchgate.net/profile/Munesh_Gupta2/contributions