

Staff details

Department Name: Faculty of Life Sciences

1. Basic Details:

Photo:

Name: Dr. Ruchi Gupta

Designation: Assistant Professor, Faculty of Life Sciences

Qualification: Ph.D. Biosciences (Specialization in Microbiology)
M.Sc. Applied Microbiology

Area of Interest: Microbiology, Molecular Biology.

Teaching Experience:

- Since January 2023, working as Assistant Professor in Mandsaur university, Mandsaur, M.P.
- Worked as a Faculty of Life Sciences in Institute of Public Health and Hygiene, Mahipalpur, New Delhi from 2017 to 2018.

Research Experience: 10 years of Research Experience in an esteemed institutions including VMMC & Safdarjung Hospital, New Delhi, Jamia Millia Islamia University and All India Institute of Medical Sciences (AIIMS), New Delhi.

Email Id: ruchi.gupta@meu.edu.in



2. Publication Details:

1. S.K.Kabra, **R.Pawaiya**, Rakesh Lodha, Arti Kapil, Madhulia Kabra, A. Satya Vani, G.Agarwal, S.S. Shastri. “**Long Term Daily High and Low Dose Azithromycin in Children with Cystic Fibrosis: A randomized controlled trial.**” Journal of Cystic Fibrosis 9 (2010) 17- 23. Impact Factor:-5.527. (Ruchi Gupta *Nee* Pawaiya).
2. **Ruchi Gupta**, Rajni Gaiind, John Wain, Monorama Deb, Laishram Chandreshwor Singh, Seemi Farhat Basira. “**Characterization of non-classical quinolone resistance in *Salmonella enterica* serovar Typhi: Report of a novel mutation in *gyrB* gene and diagnostic challenges.**” Biomolecular Detection and Quantification 2 (2014) 30–34. **Impact Factor:- 5.952.**
3. Parry CM, Thieu NTV, Dolecek C, Karkey A, **Gupta R**, Turner P, Dance D, Maude RR, Ha V, Tran CN, Thi PL, Be BPV, Phi LTT, Ngoc RN, Ghose A, Dongo I S, Campbell JI, Thanh DP, Thanh TH, Moore CE, Sona S, Gaiind R, Deb M, Anh HV, VanSN, Tinh HT, Day NP, Dondorp A, Thwaites G, Faiz MA, Phetsouvanh R, Newton P, Basnyat B, Farrar JJ, Baker S. “**Clinically and microbiologically derived azithromycin susceptibility breakpoints for *Salmonella enterica* serovars Typhi and Paratyphi A.**” Antimicrob Agents Chemother (2015) 59:2756 –2764. **Impact Factor:-4.904.**
4. **Ruchi Gupta**, Rajni Gaiind, Laishram Chandreshwor Singh, Bianca Paglietti, Monorama Deb, Salvatore Rubino, John Wain, Seemi Farhat Basir. “**Detection of mutations in *gyrB* using denaturing high performance liquid chromatography (DHPLC) among *Salmonella enterica* serovar Typhi and Paratyphi A.**” Trans R Soc Trop Med Hyg (2016) 110 (12): 684–689. (Editor’s choice). **Impact Factor:- 1.868.**
5. Shakila Banu Inayath, Shobha Broor, **Ruchi Gupta**, Priti Agarwal, Subhradeep Majumder, Anupam Kumar Anveshi, Rajni Gaiind. “**Validation of Pefloxacin for detection of fluoroquinolone (FQ) resistance among *Salmonella Typhi* with special reference to GyrB mutations.**” Journal of Medical Microbiology. 06 August 2021. Volume 70, Issue 8. **Impact Factor:-2.35.**

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3. Conference Details:

- National conference on Emerging Trends In Sciences, Technology & Management (NCETSTM-2K23) 17-18th March,2023, at Mandsaur University, Mandsaur (M.P.).
- Training programme on SEARCHING of EBSCO ACADEMIC DATABASE ON 31/01/2023, organized by the Central Library of Mandsaur University, Mandsaur, M.P.
- Quarterly meet of the Indian Association of Medical Microbiologist, Delhi Chapter, India,2011.
- 1st Global Forum on Bacterial Infections. Balancing Treatment Access and AntibioticResistance. 3-5 October 2011. India Habitat Centre, New Delhi, INDIA.
- Pre-Conference Workshop on Cystic Fibrosis and 4th CF Conference of India held on 23rd November 2006, in AIIMS, New Delhi.
- Open Door Workshop: Working with Pathogen Genomes, ICGEB, New Delhi, India 16-21January2011.
- Micro-D-Con 2013 Workshop: Indian Association of Medical Microbiologists- Delhi Chapter“Molecular diagnosis of antibiotic resistance genes and fungal infections in Delhi” November 2013, at VMMC and safdarjung Hospital, New Delhi, India.
- Indian Association of Medical Microbiologists (IAMM) Delhi Chapter 1st Annual Conference, held on 27-28 March, 2009, in India Habitat Centre, New Delhi.
- National Symposium on “Immunity to Infection “held on 8th October 2007, in AIIMS, New Delhi.
- National Symposium on Nano-Technology in Medicine held on 13th January 2007, in AIIMS, New Delhi.
- CME on Stem Cell held from 26-27th Nov. 2005 in AIIMS, New Delhi.

4. Awards/ Membership/ others

- ❖ **VMMC Award: Best scientific paper for oral presentation entitled** “A novel quinolone resistance phenomenon in *Salmonella enterica* serovar Typhi: nalidixic acid susceptible isolates with reduced susceptibility to fluoroquinolones” at Second Annual Conference – Indian Association of Medical Microbiologists- Delhi Chapter, held on 13th March, 2010 at India Habitat Centre, New Delhi.
- ❖ **Dr Shriniwas Award: on Antibiotic Susceptibility Testing: Best Poster Award for posterentitled** “Rapid detection of genetic variation in QRDR region of topoisomerase genes by denaturing high performance liquid chromatography (DHPLC) in *Salmonella* Typhi and ParatyphiA.” Organized by IAMM – Delhi chapter, Medanta Hospital Gurgaon (20 August 2016).
- ❖ **VMMC& SJH Young Scientist Award: Best scientific paper for oral presentation entitled** “Multi- Locus Variable-Number Tandem Repeat Analysis (MLVA-VNTR) For Molecular Typing and Phylogenetic Analysis of *Salmonella* Typhi and ParatyphiA Isolates.” at 8th Annual Conference – Indian Association of Medical Microbiologists- Delhi Chapter, held on 17-19th November, 2016 at India Habitat Centre, New Delhi.
- ❖ Invited for Cholera other Bacterial Enteric Infections 44th Annual joint panel meeting. United states-Japan Cooperative Medical Science Program, San Diego, California, 12-14 October,2009 to present poster “Re-evaluation of nalidixic acid screening for detection of reduced fluoroquinolone susceptibility in *Salmonella enterica* serotype Typhi: a report from India.” **Ruchi Gupta**, Rajni Gaiind, Srujana Mohanty, Monorama Deb, Seemi Farhat Basir.

PROFESSIONAL MEMBERSHIP

Life time membership of Indian Association of Medical Microbiologists (IAMM) New Delhi.