



DEPARTMENT OF MICROBIOLOGY GOVERNMENT MEDICAL COLLEGE, KATHUA

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RESEARCH PUBLICATIONS

Dr.NatashaSawhney

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RESEARCH:

Courses/Trainings/Conferences/Workshop/CME:National:

- 1 Certificate of Participation as Faculty in CRAB-E-CON PUNJ, under the Aegis of Association of Radiation Oncologists of India –North Zone in Collaboration with GMC Kathua at Jammu.
- 2 Certificate of Participation as DELEGATE in the NZOACON2019 held at Department of Orthopedics GMC, Jammu from 8th -10th Feb, 2019.
- 3 Certificate of Participation as delegate, paper presentation Oral in MICROCON 2018, NW conference of IAMM held at Dayanand Medical College and Hospital, Ludhiana (Punjab) on 13thOctober ,2018.
- 4 Certificate of ParticipationinBIOCON-2016 International Conference “EmergingTrends in Biomedical Research in the New Millennium” organized by Department ofBiochemistryGMC and Hospital Jammu onNovember 29th -30th, 2016.
- 5 CertificateofParticipationinMICROCON2016heldatPGIMER,Chandigarhon25th-27th November, 2016.

- 6 Certificate of Participation in North–west Chapter IAMM “Revisiting infections Prevalent in North-West Region” at GMC Hospital, Sector 32, Chandigarh on September 3, 2016.
- 7 Certificate of Participation in International CME Cum MICROCON NW- 2016” Hospital infection Control and Antibiotic Stewardship, Putting Knowledge into Action” held at Department of Microbiology ,SGRDIMSAR, Vallah, Amritsar on 2nd April 2016.
- 8 Certificate of Participation in SIHAM 2016 organized by Department of Microbiology ,Indira Gandhi Medical College, Shimla, HP from March 18th -20th ,2016.
- 9 Certificate of Participation in GISICON 2015 organized by Department of Microbiology and Medicine, GMC Jammu from 6-7 November, 2015.
- 10 Certificate of Participation in the workshop on “Interactive Teaching” conducted by MEU, M.M Institute of Medical Sciences and research Mullana-Ambala on 17-10-2014.
- 11 Certificate of Participation in UP MICROCON 2014 at Department of Microbiology School of Medical Sciences & Research and Sharda Hospital, Sharda University Greater Noida (U.P) on 1st Feb, 2014.
- 12 Certificate of Participation in CME “INFECTIOUS DISEASE UPDATE 2013 jointly organized by Department of Medicine & Department of Microbiology at Christian Medical College and Hospital, Ludhiana.
- 13 Certificate of participation as delegate in National CME on MDR/TXR tuberculosis held at department of Respiratory medicine, MMMSR, MMU, Mullana on 13 August, 2013 .

- 14 Certificate of Participation as DELEGATE in International CME Cum Conference at Department of Microbiology Maharishi Markandeshwar Institute of Medical Sciences & Research , Mullana-133207 on Feb 4- 5, 2012.
- 15 Certificate of Participation in NAMS-ICMR-IGMC-2011, National Conference on Tuberculosis –A Global Challenge held on 11th and 12th June at Shimla (H.P).
- 16 Certificate of Participation in NNF post Graduate Quiz in Neonatology, 2009 at SMGS Hospital, Jammu on 01-09-2009.
- 17 Certificate of Participation in Scientific program on “Pharmacovigilance” conducted by Knowledge Academy.

Publications:(Dr. Natasha Sawhney)

- Book published entitled TUBERCULIN Skin Test: New INSIGHT (2017) UNDER Lambert Publication (UK) Author: Dr. Natasha Sawhney.
- Natasha Sawhney, Sandeep Dogra, Bella Mahajan. "Neonatal intensive Care Unit in a tertiary Care Hospital in North India". Volume 6, Issue 2, Feb 2018.
- Natasha Sawhney , Sandeep Dogra , Bella Mahajan Bacteriological Profile and Antibigram of CSF Culture Isolates from a Neonatal Intensive Care Unit in a Tertiary Care Hospital in North India. Volume 6, 5 Feb 2018.
- Natasha Sawhney, Rahul Prabhas, Varsha A Singh. "Bacteriological profile of Urinary tract Infections in Pregnant women- Future Challenges". Volume 23, Issue 1, 2017
- Natasha Sawhney, Rahul Prabhas, Varsha A Singh. "Post Operative wound infections: pattern of bacterial pathogens and their antibiotic sensitivity in a tertiary care hospital of north India. Volume 22, Issue 2, 2017
- Natasha Sawhney, Sandeep Dogra, Bella Mahajan " Epidemiological Study of Parasitic Infestations in Paediatric Population Attending A Tertiary Care Hospital , Northern India". Volume 05, Issue 06, June 2017
- Sonia Mehta, Kuldeep Singh, Natasha Sawhney, Varsha A Singh, Subhash Goyal. "Time Related Changes in Pathogenic bacterial patterns in burn wound infections and their Sensitivity traits". Bangladesh Journal of Medical sciences. 2017; 16(2) March, 2017
- Natasha Sawhney, Pottathil Shinu and Varsha A. Singh, "Bacteriological Profile and Antibiotic Susceptibility Pattern of Neonatal Septicaemia in a Tertiary Care Hospital", January 2015
- Sawhney N, Mehta S, Shinu P, Singh VA. Prevalence of latent tuberculosis infection among hospital workers in a tertiary care referral centre. International journal of advances in health sciences. 2015; 2(5):589-595, 10 March 2015.
- Natasha Sawhney, Sonia Mehta, Varsha A Singh, Pottathil Shinu, "Application of Tuberculin Skin Test in Diagnosis of Latent Tuberculosis; A two year Experience in a Tertiary Care Hospital", ISSN No-2230-7885, Volume 4 Issue 10, 2015.
- Natasha Sawhney, Pottathil Shinu, Bhawna Sharma, Varsha A Singh, Tanya Sharma, "Trimethoprim-Sulfamethoxazole and Ciprofloxacin Resistance Among Klebsiella Species Isolated from Community-Acquired Urinary Tract Infection", Volume 05, 16 September, 2015.

- PShinu, Singh V, NSawhney, SMehta. “Arcanobacterium haemolyticum associated
- Urinary tract infection”. Clinical communiqué and medical education (accepted), ISSN 2320-9208, January- June 2014, Vol. 21 Issue 1.
- S Mehta , Natsaha Sawhney, VA singh, R Bungar, TGarg, P Shinu Nosocomial Wound Infection amongst post operative Patients and their Antibigrams at Tertiary Care Hospital in India, Volume 15 Issue 2, 2014
- Shalu Mengi, Prakriti Vohra, Natasha Sawhney, Varsha A Singh. “ Biofilms: A diagnostic challenge in Persistent infection” International journal of research in Medical and health Sciences , issue No. 2307-2383, July 2013, Vol. 2, No. 3

Presentations:

Oral:

- 1 Oral presentation on “Bacteriological profile of Urinary tract infection in pregnant women” in ISRPTCON 2011 Jammu, 3rd National Conference and CME Cum workshop held at GMC Jammu
- 2 Oral Paper presentation on topic “A study of Bacterial Pathogens in Neonatal Septicemic patient”... No Child Should Die Before Seeing Life! At International CME Cum conference Department of Microbiology MM Institutes of Medical Sciences & Research , Mullana - 133207
- 3 Oral paper presentation entitled ESBL producing Gram Negative Bacteria – A cause of concern in NICU at BIOCON 2016 International Conference organized by Department of Biochemistry, GMCH Jammu.

Poster:

- 1 Poster presentation entitled Prevalence of Tuberculin positivity in different categories of persons by using 5 and 10 TU of PPD at National CME Cum MICROCON NW 2012 organized by Department of Microbiology , GMC , Amritsar.

On Going/In Process Research and Publication:

1. Diagnostic yield of Ziehl-Neelsen staining technique and CBNAAT in diagnosis of Pulmonary Tuberculosis: A comparative study in tertiary care facility.
2. Dengue transmission during COVID pandemic – The enigma of slumping cases.
3. Dengue infection- Prevalence and seasonal variation among patients attending a tertiary care hospital at lower Himalayan region, India.
4. Book publishing on Microbial home of Biofilms

Dr.AmrishKohli:AssistantProfessor,DepartmentofMicrobiology,GMCKathua

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Publications:

- Rapid drug susceptibility testing of Mycobacterium tuberculosis clinical isolates to first-line antitubercular drugs by nitrate reductase assay: A comparison with proportion method. International Journal of Mycobacteriology: IJM 5(2016) 469-474
- A comparative study of post injection bacterial isolates in deltoid and gluteal abscesses in a tertiary care hospital in Kashmir. IJMR No. 4494 (21-05-2019)
- Prevalence and antibiotic sensitivity pattern of organisms isolated from post injection intramuscular abscesses in a tertiary care hospital, Kashmir. JMRR-9771-2019. Vol 5, No. 2 July-Dec 2019.
- Bacteriological profile and antibiotic sensitivity pattern of uropathogens from a tertiary care hospital in Kashmir.
- Microbiological profile and epidemiology of Gram positive cocci in blood stream infections in a tertiary care hospital, Kashmir.
- Aerobic Bacteriological Profile and Antibigram of Surgical Site Infections in a tertiary care hospital in Kashmir.
- Evaluating the pattern of blood stream infections among paediatric and adult patients and role of drug resistant *Acinetobacter* species in a tertiary care hospital, Kashmir.

- Prevalence and Antibiotic Susceptibility Pattern of *Pseudomonas aeruginosa* Isolates from Respiratory samples, Pus samples and Body Fluids in a Tertiary Care Hospital, Kashmir.

- A comparative study of antibiotic profile of community acquired and hospital acquired *Staphylococcus aureus* in a tertiary care hospital, Kashmir.

- Prevalence of Carbapenemase Producing Genes among Carbapenem Resistant *Enterobacteriaceae* Isolated from Blood in a Tertiary Care Hospital, Kashmir.

- Mediating role of Covid 19 burnout in the relationship between coronavirus stress and wellbeing of healthcare professionals. Sambhasan, Volume-4 Issue-1.

- Analysis of surface contamination of severe acute respiratory syndrome coronavirus 2 in a health-care setting in the context of the coronavirus disease-2019 pandemic. Kohli, *et al.*: *Analysis of SARS-COV-2 virus contamination in a health-care settings*