

MD (Microbiology)
Title (Plan of Thesis)
(Session 2013-2016)

S.No.	Title (Plan of Thesis)
1.	A study of nasopharyngeal carriage of neisseria meningitidis in a tertiary healthcare setup
2.	Humoral immune response to MMR vaccination in children born to HIV infected mothers.
3.	Study of awareness regarding standard precautions, needle stick injury and hepatitis B vaccination among health care workers in a tertiary care hospital, New Delhi.
4.	A study of urinary tract infection amongst pregnant women.
5.	Study of Enteric Pathogens in children with HIV/AIDS at a tertiary care centre.
6.	Practices & adequacy of awareness regarding biomedical waste management in HCW in a tertiary care hospital in Delhi.
7.	Cytokine secretion in suspected cases of mycoplasma pneumoniae infection with wheeze in children less than 5 years of age.
8.	A study of vulvovaginal candidiasis.
9.	A study of fungal sepsis in children.
10.	A study of invasive fungal infections in adult ICU patients.
11.	A study of clinical and microbiological response to extended spectrum cephalosporins in males with gonococcal urethritis.
12.	Study of serum vitamin D level and vitamin D receptor gene polymorphism in dengue infected patients and their association with outcome of dengue virus infection.

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13.	Utility of saliva as an alternative sample for the detection and quantification of hepatitis C virus.
14.	Detection of blaNDM-1 gene in gram negative bacterial isolates of intensive care unit patients and its correlation with the duration of hospital stay.
15.	Comparative evaluation of gene xpert Mtb/RIF and various staining techniques in the diagnosis of clinically suspected cases of pulmonary tuberculosis.
16.	Etiology of sepsis in children and role of procalcitonin as a biomarker in diagnosis of bacterial sepsis.
17.	Diagnostic potential of circulating biomarkers in extrapulmonary tuberculosis.
18.	Procalcitonin as a marker of generalized bacterial infection in diabetes mellitus with sepsis – a pilot study in east Delhi.
19.	Typical and atypical variants of enteropathogenic escherichia coli in acute diarrhoea in under five children.
20.	Detection of gut colonization by multidrug resistant enterobacteriace with special reference to carbapenem resistance in hospital delivered and admitted neonates.
21.	Study of interleukin-6 levels in assessing severity of perinatal asphyxia.
22.	Interleukin-21 levels in art recipients and its correlation with clinical and other laboratory parameters.
23.	Prelvalence of herpes co-infection in gonococcal urethritis patients.
24.	Profile of respiratory viruses in exacerbations of chronic obstructive pulmonary disease.

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25.	Contribution of efflux pumps to Rifampicin resistance in clinical isolates of <i>M. tuberculosis</i> .
26.	Study on distribution of lower respiratory tract infections in patients with malignancies and post-transplantation patients using multiplex real-time polymerase chain reaction test in a tertiary care centre.