

DETAILS OF SYNOPSIS SUBMITTED BY THE PH.D. RESEARCH SCHOLARS**(YEAR 2005 TO 2009)**

| S. NO. | NAME OF THE STUDENT | TITLE OF RESEARCH WORK | NAME OF THE INSTITUTION | DATE OF REGISTRATION |
|---------------|----------------------------|--|--------------------------------|-----------------------------|
| 1. | MASOUMEH ALBOOGHOBEISH | Effect of multifaceted interventions on the compliance with hand hygiene in ICU health care workers | MAMC | 1.01.2005 |
| 2. | AZAZ AHMAD SIDDIQUI | Role of stress and stress related physiological response markers in the development of type-2 diabetes mellitus | UCMS | 1.01.2005 |
| 3. | RAJINDER K. GUPTA | Comparative study of haemodynamic effects of carboxylic ionophore monensin with various pressor agents in experimentally induced septic shock in rabbits | VPCI | 1.01.2005 |
| 4. | RAVINDER KUMAR SAGAR | Modulation of Gamma Radiation-induced Damage to Mammalian Hemopoietic System by certain herbal preparations | MAMC | 1.01.2005 |
| 5. | POLIPALLI SUNIL KUMAR | Molecular Epidemiology of Pancreatic Cancer in North Indian Population | MAMC | 1.01.2005 |
| 6. | MOHD. TAUSEEF | Evaluation of the mechanism of action of aspirin as a cardioprotective agent in experimentally-induced hypercholesterolemic rats | UCMS | 1.01.2005 |
| 7. | MOHD. ADNAN KAUSAR | Biochemical and Clinico-Immunologic Characterization of Mosquito (Culex Quinquefasciatus) Allergens | VPCI | 8.01.2005 |
| 8. | T.K. TYAGI | Studies on the Novel Enzyme Acetoxy Drug: Protein Transacetylase from Mesophilic Fungus Starkeyomyces sp. | VPCI | 8.01.2005 |
| 9. | PRACHI GUPTA | Lipid Rafts in Bronchia Asthma: A Study on Membrane Lipid Metabolism in Asthmatic Patients using Erythrocyte Membrane as the Model | VPCI | 8.01.2005 |
| 10. | ABDUL YASIR | Responsiveness of airway rapidly adapting receptors and oxidant- | VPCI | 16.07.2005 |

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| | | antioxidant status to cigarette smoke inhalation in normal and sensitized rabbits | | |
| 11. | SHVETAMBRI | Studies on the role of acetoxy drug: Protein transacetylase in hypoxia induced pulmonary hypertension | VPCI | 16.07.2005 |
| 12. | NASEEM AKHTER | Molecular characterization of influenza virus isolates obtained from clinical specimens and inhibition of pathogenesis by siRNA mediated cleavage of PB1 and M1 gene segments in cultured cells | VPCI | 16.07.2005 |
| 13. | RASHMI PASRICHA | Functional analysis of IprN gene of mce4 operon of mycobacterium tuberculosis | VPCI | 16.07.2005 |
| 14. | VIDYANIDHI GUMMA | Mycobacterial interspersed repetitive unit-variable number of tandem repeat (MIRU-VNTR) typing of mycobacterium tuberculosis strains isolated from HIV positive and HIV negative individuals | MAMC | 16.07.2005 |
| 15. | SUKRITI | Role of immunological factors in clearance and persistence of viral hepatitis : a comparative study | GBPH | 8.01.2006 |
| 16. | NIDHI | Interaction of melatonin and other antioxidants with certain anti-epileptic drugs for cognitive dysfunction during experimental epileptogenesis | UCMS | 8.01.2006 |
| 17. | ANIL SINGH BAGHEL | Studies on molecular cloning and expression of acetoxy drug: Protein transacetylase of M. Tuberculosis with special reference to the role of polyphenolic acetates as anti tuberculosis drugs | VPCI | 8.01.2006 |
| 18. | SONAM KALRA NEE KHURANA | A study of certain anti-inflammatory and antioxidant drugs on experimental models of alzheimer's disease in rats | UCMS | 8.01.2006 |
| 19. | NUPUR | Cloning purification and functional studies of MCE1D protein of Mycobacterium tuberculosis H37RV | VPCI | 8.01.2006 |
| 20. | NEERAJ KUMAR SAINI | Functional analysis of the mammalian cell entry (Mce) proteins of | VPCI | 8.01.2006 |

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| | | mycobacteria | | |
| 21. | R.K.MISHRA | Experimental Asthma: A study on Transmembrane signaling in airway smooth muscles and peripheral blood lymphocytes during the development of airway hypersensitivity in Guinea Pig | VPCI | 8.01.2006 |
| 22. | RASHMI ANAND | Experimental studies on the role of opioids in stress and their interactions with nitric oxide in rats | VPCI | 8.01.2006 |
| 23. | NEERAJ KUMAR | Molecular and biochemical basis of variation in clinical phenotypes of adrenoleukodystrophy | VPCI | 16.07.2006 |
| 24. | DEEPIKA SHARMA | Enos gene polymorphism and expression in pregnancy induced hypertension | LHMC | 16.07.2006 |
| 25. | SHIPRA GUPTA | Studies on isolation and mechanism of action of the antihyperglycemic and hypolipidemic compound(s) from the leaf extract of cassia auriculata in experimentally induced diabetic animals | UCMS | 16.07.2006 |
| 26. | PURABI DEKA | The role of progesterone receptor and its associated genes in HEV related liver diseases during pregnancy | MAMC | 8.01.2007 |
| 27. | MAANSI VERMANI | Studies on aerobiological aspects, clinico immunologic assessment of allergenic potential and biochemical characterization of allergenic components of aspergillus species | VPCI | 8.01.2007 |
| 28. | HIMANSHU JHA | Detection of mycobacterial species causing tuberculous lymphadenitis from fine needle aspirates, biopsy and blood samples using polymerase chain reaction (PCR) | MAMC | 8.01.2007 |
| 29. | VIKAS | Inhibition of HIV-1 by antisense and catalytic nucleic acids and functional characterization of HIV-1 subtype C Tat protein | UCMS | 8.01.2007 |
| 30. | RUCHI BHAGAT | High altitude simulation on lung physiology and vagal afferent activity | VPCI | 8.01.2007 |
| 31. | MARYAM SAFARA | Impact of cognitive and spiritual therapy on anxiety and depression | UCMS | 8.01.2007 |

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| | | among Iranian students residing in Iran and India | | |
| 32. | REENU | Effect of antidiabetic compound isolated from <i>Eugenia jambolana</i> (fruit pulp) on various diabetic complications in experimental animals | UCMS | 8.01.2007 |
| 33. | AB RASHID MIR | Molecular characterization and prognostic significance of genes involved in imatinib mesylate resistance and response in CML patients | MAMC | 8.01.2007 |
| 34. | JUGAL KISHORE | Comparison of myths, beliefs, and perceptions about mental disorders and health seeking behaviour of psychiatric patients: An Indo-French Study | MAMC | 8.01.2007 |
| 35. | SREEMANTI GUHATHAKURTA | Experimental studies on the possible mechanisms involved in the effects of UNIM-352, a polyherbal, anti-asthmatic, Unani preparation | VPCI | 16.07.2007 |
| 36. | SAKSHI PAL SINGH | Studies on detection and characterization of metallo β -lactamases in clinical isolates of <i>Pseudomonas aeruginosa</i> | VPCI | 16.07.2007 |
| 37. | TANUSHREE BARUA | Studies on detection and characterization of AmpC β -lactamases in clinical isolates of <i>Klebsiella</i> spp. And <i>Escherichia coli</i> | VPCI | 16.07.2007 |
| 38. | DEEPTI TANDON | Molecular epidemiological study of <i>Vibrio cholerae</i> isolated from diarrhea cases & environmental samples | MAMC | 16.07.2007 |
| 39. | PRASHANT KUMAR | Assessment of conserved epitopes of M1 protein of influenza virus fused to protein transduction domain of tat of HIV as a potential vaccine candidate | VPCI | 16.07.2007 |
| 40. | PHANI KUMAR GUMMA | A Prospective study of MAVS interactions associated with INF-beta induction in hepatitis C infections | MAMC | 16.07.2007 |
| 41. | INDU BALA | Culture independent diagnosis of <i>Mycoplasma pneumoniae</i> by using nucleic acid amplification techniques in pediatric lower respiratory tract infections | MAMC | 16.07.2007 |
| 42. | RITU SONI | Effect of pranayama and yoga asanas on lung functions and diffusion capacity | UCMS | 16.07.2007 |

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| | | in chronic obstructive respiratory diseases | | |
| 43. | PRABHJOT SINGH | Studies on the enzymatic propionylation of proteins and related biological effects | UCMS | 16.07.2007 |
| 44. | ASHISH K. MEHTA | Central & peripheral interaction of opioids & NMDA receptors in neuropathic and inflammatory pain, and their role in antinociception from stimulation of periaqueductalgray in male rats | UCMS | 16.07.2007 |
| 45. | MASOUMEH ZIRAK JAVANMARD | The effect of sodium arsenate on the neural tube in mouse embryo | MAMC | 8.01.2008 |
| 46. | SANTOSH KUMAR SHUKLA | Molecular and immuno-histochemical studies on the cardioprotective mechanism (s) of terminalia arjuana (TA), and Eugenia jambolana (EJ), in ischemic model of myocardial infarction – An experimental study | UCMS | 8.01.2008 |
| 47. | ALI DEGHANI | A hospital based study of the effectiveness of life style interventions in reduction of coronary heart disease risk factors | UCMS | 8.01.2008 |
| 48. | ALAMDARI ALIKARAM | A study to determine barriers among faculties of two medical institutions for medical and health research, asemi-quantitative study in Delhi | UCMS | 8.01.2008 |
| 49. | MASRAT RASHID | Effect of tadalafil (A novel phosphodiesterase 5 inhibitor) on hypoxia induced pulmonary hypertension in rats | VPCI | 8.01.2008 |
| 50. | SALAM GYANESHWORI DEVI | Role of cytokine in Hepatitis E Virus infection during pregnancy | MAMC | 8.01.2008 |
| 51. | ANIRUDH VASHISHT | Behaviour of pulmonary vagal sensory receptors with myelinated afferents during free radical induced airway hyper-reactivity and its modulation by anti-oxidants in guinea-pigs | VPCI | 8.01.2008 |
| 52. | RITU GOYAL | Pathogenicity testing and molecular typing of candida species isolated from HIV/AIDS patients | MAMC | 8.01.2008 |
| 53. | RAJESH VYAS | Study on inhibition of influenza A virus gene expressing using catalytic nucleic | VPCI | 8.01.2008 |

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| | | acids and SIRNA | | |
| 54. | NASREEN AKHTAR | Cognitive function with neuropsychological and electrophysiological profile in patients with vitamin B 12 deficiency | MAMC | 8.01.2008 |
| 55. | ESAM MOHAMMED MAHYOUB | Epidemiological study of HIV and TB in Indian context | MAMC | 01.10.2008 |
| 56. | RUCHIKA MITTAL | Development of a standardized assessment test battery in Hindi Language for Cochlear Implant Recipients | MAMC | 01.10.2008 |
| 57. | GAURAV DOGRA | A Study of polymorphism of TGF- β , IL-10, TNF- α , IL-6 and ISDR in patients with HCV infection and its correlation with different HCV Genotypes | MAMC | 01.10.2008 |
| 58. | PANKAJ KUMAR | A study of antiretroviral drug resistance associated mutations in human immunodeficiency virus Type-1 among drug naïve and drug experienced patients | MAMC | 01.10.2008 |
| 59. | RAKESH PATHAK | Role of ispA gene in the biology and pathogenesis of mycobacterium tuberculosis | VPCI | 01.10.2008 |
| 60. | MAYANK SINGH CHAUHAN | Identification of dengue virus NS5 protein region responsible for interleukin – 8 transcription and secretion | MAMC | 01.10.2008 |
| 61. | MITALI | Evaluation of free radical- mediated impairment of cardiovascular functions on mercury exposure in rats | UCMS | 01.10.2008 |
| 62. | SARJEET KUMAR | Effect of polypharmaceutical herbal drug lipotab in an experimental model of heart failure | UCMS | 01.10.2008 |
| 63. | ANU SHARMA | Effect of polypharmaceutical herbal drug lipotab in an experimental model of heart failure | UCMS | 01.10.2008 |
| 64. | VIVEK KUMAR | A Toxicogenomic approach to assess risk factors involved in prostate cancer and benign prostate hyperplasia | UCMS | 01.10.2008 |
| 65. | SANJEEV KUMAR PANDEY | Role of biomarkers CCL18/PARC and heparin-Thrombin II cofactor for | MAMC | 01.10.2008 |

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| | | diagnosis and monitoring of lysosomal storage disorders in Indian children | | |
| 66. | TANZEEL AHMED | The study on pesticide – mediated cytotoxicity, apoptosis and DNA damage in human peripheral blood mononuclear cells: Protective effect of heat shock proteins, their inducer and antioxidant | UCMS | 01.10.2008 |
| 67. | ADILA PARVEEN | Lipid reducing herbal compounds provide protection against diabetes induced cardiovascular disorders | MAMC | 01.10.2008 |
| 68. | NIDHI CHAUDHARY | To study the effect of probiotic on endotoxin mediated activation of hepatic stellate cell in animal model of portal hypertension | MAMC | 01.10.2008 |
| 69. | SHALU CHANDRA | Effect of Neuroprotective drugs on behavioral evaluation and tyrosine hydroxylase immunochemistry in animal model of parkinson's disease | MAMC | 01.10.2008 |
| 70. | RAJESH SINHA | Functional analysis of <i>mce 1 A</i> and <i>mce 4A</i> gene of <i>mycobacterium tuberculosis</i> H37 Rv using overexpression approach | VPCI | 01.10.2008 |
| 71. | KIRTIKAR SHUKLA | Biochemical studies on Anti-diabetic effect of fruit of withania coagulans | UCMS | 01.10.2008 |
| 72. | NIVEDITA PRIYA | Development of the novel antiplatelet candidate drug | UCMS | 01.10.2008 |
| 73. | PIYUSH DIKSHIT | Biochemical studies on antidiabetics effect of fruit of withania coagulans | UCMS | 01.10.2008 |
| 74. | MOHD. ASLAM | Role of post-prandial lipaemia in the development of type 2 diabetes mellitus (T2DM) and related macrovascular disease | UCMS | 01.10.2008 |
| 75. | SHIKHA SHRIVASTAVA | To study the immune status of neonates to HBV positive mothers and HBV negative mothers | GBPH | 01.10.2008 |
| 76. | AVISHEK KUMAR SINGH | Micro RNAs (miRNA) in chronic HBV infection: Role in viral persistence and immune modulation | GBPH | 01.10.2008 |
| 77. | JASWINDER SINGH MARAS | To study the proteome profile and identification of potential biomarkers for the evaluation of patients with acute and acute on chronic liver failure | GBPH | 01.10.2008 |
| 78. | VIVEK DIXIT | Bone mineral Homeostasis and Bone Mineral Density in Vitamin D | MAMC | 01.10.2008 |

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| | | Sufficient and deficient patients with Hyperthroidism | | |
| 79. | HOSSEIN ALI SADEGHIAN | Effect of self management educational program on metabolic control in type 2 diabetes | UCMS | 01.02.2009 |
| 80. | Dr. SHELLY KHANNA CHADHA | Profile of hearing morbidity and identification of barriers and challenges for access to ear and hearing care service in children of urban and rural areas of Delhi | MAMC | 01.02.2009 |
| 81. | CHANDRA SHEKHAR YADAV | Candidate genes and their response to environmental agents in the etiology of hypospadias: a toxicogenomics approach | UCMS | 01.02.2009 |
| 82. | SAJAD AHMAD DAR | Molecular analysis of cytokine polymorphism in conjunction with the study of immune response to common recall antigens, super antigens and xenobiotic compounds in autoimmune skin diseases | UCMS | 01.02.2009 |
| 83. | MARYAM DAFEI | Seroprevalence of HIV, HBV and HCV and knowledge and attitude of health care workers working in labor room in selected Delhi Hospitals. | UCMS | 01.02.2009 |
| 84. | KUSHAL GARIMA | Expression Analysis and Protein Profiling of Drug efflux Transporters in clinical isolates of M. tuberculosis | VPCI | 01.08.2009 |
| 85. | NISHA RATHORE | Regulation of Expression of mce4 operon of mycobacterium tuberculosis: search for upstream promoter activity and regulatory proteins | VPCI | 01.08.2009 |
| 86 | BINOD KUMAR | Catalytic nucleic acid mediated gene silencing of M2 ion channel of influenza viruses | VPCI | 01.08.2009 |
| 87 | RICHA DIXIT | The study of inducible nitric oxide synthase mutant and promoter variant along with pro-inflammatory markers in patient with coronary artery disease | LHMC | 01.08.2009 |
| 88. | DIPTI MALHOTRA | Identification of Genetic Markers for Suicidal Risks in Subjects with Stress and Associated Depression | UCMS | 01.08.2009 |
| 89. | MD.MUSTAFA | Assessment of toxicogenomic risk factors in pretern delivery cases | UCMS | 01.08.2009 |

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| 90. | SMITA JAIN | Neurotoxicity Assessment of Triazophos and Quinalphos: Role of Neuronal P-glycoprotein Expression | UCMS | 01.08.2009 |
| 91. | MANUSHI SIDDARTH | Gene-Environment interaction in Chronic Kidney Disease: Role of xenobiotic load and polymorphism of xenobiotic metabolizing enzymes in the Development of Renal Disease | UCMS | 01.08.2009 |
| 92. | RITU KULSHRESTHA | Pathophysiological studies in bleomycin induced pulmonary hypertension and fibrosis in rat | VPCI | 01.08.2009 |
| 93. | YOGESH KUMAR | Study of the role of Ovarian Interleukins and their mRNA Expression in successful Implantation in Patients undergoing IVF & ET Program | MAMC | 01.08.2009 |