

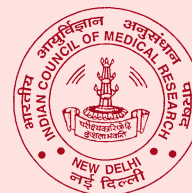


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APPENDIX VII

RESEARCH FELLOWSHIPS FUNDED DURING 2004-2005

Sl. No.	Title of the Project	Name of the Fellow/Institute
Epidemiology and Communicable Diseases		
1.	Development of an immunodiagnostic assay using recombinant p1 protein of <i>Mycoplasma pneumoniae</i>	Smt. Irum Tabassum National Tuberculosis Institute Bangalore
2.	Stage specific analysis of <i>in vitro</i> drug resistance in promastigote and amastigote stages of <i>Leishmania donovani</i> isolates of India	Km. Ranjini Valiathan Postgraduate Institute of Medical Education and Research Chandigarh
3.	Cytokine responses in symptomatic vs. asymptomatic amoebiasis patients Chandigarh	Sh. Devendra Bansal Postgraduate Institute of Medical Education and Research Chandigarh
4.	To study the expression of major virulence factor: streptococcal adhesins (SFB) in Indian isolates and its pattern of antibody response in humans	Sh. Anil K.Sharma Postgraduate Institute of Medical Education and Research Chandigarh
5.	<i>Entamoeba histolytica</i> adherence lectin (gal/galnac) mediated activation of immune competent cells	Smt. Monika Sharma Postgraduate Institute of Medical Education and Research Chandigarh
6.	Detection of canine distemper virus related bone disease in pet owners	Km. D. Latha Anna University Chennai
7.	Enhancing the efficacy of recombinant protein vaccines and DNA vaccines for human lymphatic filariasis	Sh. Balakrishnan A.Setty Centre for Biotechnology Chennai
8.	Analysis of molecular basis of pyrazinamide resistance in mycobacteria	Smt. E. Ezhilkatharine Tuberculosis Research Centre Chennai
9.	Genotypic testing for drug resistant mutations in HIV strains in south India - A pilot study	Smt. S. Lakshmi Tuberculosis Research Centre Chennai



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| 10. | A study of the clinical presentation of tuberculosis in HIV positive patients and its correlation with CD4 and CD8 counts | Dr. Amit Mann
Base Hospital
Delhi |
| 11. | Dermatological manifestations in HIV infection and its correlation with CD4 count | Dr. Gulhima Chawla
Base Hospital
Delhi |
| 12. | A study of various clinical manifestations in HIV patients with CD4 count less than 200 amongst Indian population | Dr. Renu Susan David
Base Hospital
Delhi |
| 13. | Role of apoptosis in the pathogenesis of influenza virus, correlation of virological and immunological parameters : Study in human and murine model | Sh. Vikram Srivastava
Vallabhbhai Patel Chest Institute
Delhi |
| 14. | Identification and pathogenesis of influenza virus in acute exacerbation of asthma | Sh. Pankaj Kumar
Vallabhbhai Patel Chest Institute
Delhi |
| 15. | Study of extracellular proteinase and phospholipase activities of clinical and environmental isolates of <i>Cryptococcus neoformans</i> <i>Candida albicans</i> and non- albicans | Sh. S.R. Nawange
Rani Durgawati Vishwavidyalaya
Jabalpur |
| 16. | Studies on occult hepatitis B virus infection and naturally occurring surface gene variants of hepatitis B virus and its clinical significance in Eastern Indian population | Sh. Arup Banerjee
Icmr Virus Unit
Kolkata |
| 17. | Studies on the identification of Th1 stimulatory proteins of a recent field isolate of <i>Leishmania donovani</i> for their prophylactic evaluation against experimental visceral leishmaniasis | Sh. Ravindra Garg
Central Drug Research Institute
Lucknow |
| 18. | Characterisation of <i>Brugia malayi</i> adult parasite molecules that might potentially facilitate reinfection in infected host preciously treated with antiliferals | Sh. Rajivlochan Gaur
Central Drug Research Institute
Lucknow |
| 19. | Effect of chromium on dengue virus infection in mice
Centre | Km. Richa Shrivastava
Industrial Toxicology Research
Lucknow |



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20. Characterization of extended spectrum beta lactamase producing *Klebsiella* spp. isolated from intensive care unit
Sh. Rajesh Kumar Mondal
K.G. Medical University
Lucknow
21. Phenotypic switching and its frequency in primary *C. neoformans* isolates from infected patients
Km. Neena Jain
All India Institute of Medical Sciences
New Delhi
22. A prospective study to evaluate the role of *Clostridium perfringens* in diarrhoea versus controls and their phenotypic and genotypic characterization
Km. Lovely Joshy
All India Institute of Medical Sciences
New Delhi
23. Characterization of 30 kDa adhesin protein (p30) of *Mycoplasma pneumoniae*
Sh. Avanish K. Varshney
All India Institute of Medical Sciences
New Delhi
24. Development of a conjugate vaccine for enteric fevers
Km. Sanyukta Sengupta
All India Institute of Medical Sciences
New Delhi
25. Revalidation of syndromic approach for the management of genital ulcer disease in Northern India
Dr. Manjula Singh
All India Institute of Medical Sciences
New Delhi
26. Epidemiology, molecular typing, strain characterization and drug resistance profiling of candidial infections in burn patients
Dr. Nivedita Gupta
All India Institute of Medical Sciences
New Delhi
27. Study of chronic hepatitis B and C in patients co-infected with human immunodeficiency virus
Dr. A.K.Garg
Army Hospital
(Research & Referral)
New Delhi
28. Adrenocortical function in human immunodeficiency virus (HIV) infection
Dr. Amitava Mitra
Army Hospital
(Research & Referral)
New Delhi
29. Study of mutation in the HBV genome in fulminant hepatitis patients and its clinical significance
Sh. Abdul Malik
Jamia Milia Islamia
New Delhi
30. Cytoadherence and receptor - ligand interactions of *Plasmodium falciparum* field isolates with different receptor specificities
Sh. Anup Kumar Biswas
Jawaharlal Nehru University
New Delhi

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| 31. | Studying the effect of oxidative stress and manipulation of iron metabolism on drug resistance in <i>Candida albicans</i> | Dr. Aparna Chandra Kansal
Jawaharlal Nehru University
New Delhi |
| 32. | Epidemiological study of the antiretroviral drug resistant HIV-1 strains by monitoring antiretroviral drug resistance in protease and reverse transcriptase gene of HIV-1 infected patients | Sanjeev Saini
Maulana Azad Medical College and Associated Hospitals
New Delhi |
| 33. | Genotypic characterisation of hepatitis C virus (HCV) and its significance in patients with chronic liver disease (CLD) | Sh. Vikas Verma
Maulana Azad Medical College and Associated Hospitals
New Delhi |
| 34. | Study of hepatitis B virus (HBV) genotypes and their clinical significance in patients with HBV - related liver diseases | Sh. Saket Chattopadhyay
Maulana Azad Medical College and Associated Hospitals
New Delhi |
| 35. | Study of non structural protein encoding gene of hepatitis C virus | Sh. Deepak Kumar
Maulana Azad Medical College and Associated Hospitals
New Delhi |
| 36. | Seroefficacy of hepatitis B vaccine administered in the expanded programme of immunization at 0,6 wks and 9 months (along with DPT and measles) | Dr. Ajay Kumar Jain
Maulana Azad Medical College and Associated Hospitals
New Delhi |
| 37. | Characterization of extended spectrum β -lactamases (ESBL) and β -lactamases of clinical strains of <i>Yersinia enterocolitica</i> isolated from India | Sh. Sachin Sharma
University of Delhi
South Campus
New Delhi |
| 38. | Epidemiology and pathogenesis of fungal infections of nose and paranasal sinuses | Dr. Gurparamjit Singh Gill
Government Medical College and Rajendra Hospital
Patiala |
| 39. | Biodiversity of actinomycetes and their anti fungal activity against human pathogenic yeasts | Km. Sangeeta Bansilal Raina
University of Pune
Pune |

Reproductive Health and Nutrition

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| 40. | Clinico-biochemical profile of the referred sick newborns at admission and its relationship to outcome in terms of morbidity and mortality | Dr. Ruchi Rai
Moti Lal Nehru Medical College
Allahabad |
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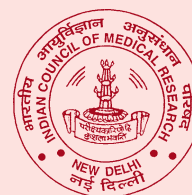
41. Role of oxidative stress on reproductive activity in mice
Dr. Parminder Kaur
Panjab University
Chandigarh
42. Role of p53 in experimental oxidative stress mediated apoptosis in spermatogenic process
Dr. Parminder Kaur
Panjab University
Chandigarh
43. Evaluation of hepatoprotective role of zinc in conditions of nickel toxicity induced in protein deficient rats
Sh. P.S.Sidhu
Panjab University
Chandigarh
44. Regulation of male fertility by monensin
Km. Malti Singh
Panjab University
Chandigarh
45. Impact of maternal hypothyroidism on androgen receptor gene expression in the ventral prostate during pre-pubertal and pubertal period in rats
Km. P.J.Arokya Mary Sashi
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Madras
Chennai
46. Clinical effectiveness of co-trimoxazole *versus* amoxycillin for pneumonia in children - A randomized controlled trial
Dr. S. M. Rajesh
Base Hospital
Delhi
47. Nutritional and hypoglycemic effect of fruit pulp and leaves of *Annona squamosa* (custard apple)
Sh. R.K. Gupta
Dr. B.R. Ambedkar Centre for Biomedical Research
Delhi
48. First trimester uterine artery doppler velocimetry and pregnancy outcome
Dr. Arifa Anwar Elahi
University College of Medical Sciences and Guru Teg Bahadur
Delhi
49. A randomised comparative trial of two different dose regimens of misoprostol for medical termination of pregnancy up to 8 weeks of gestation
Dr. Ritu Goyal
University College of Medical Sciences and Guru Teg Bahadur Hospital
Delhi
50. Evaluation of doppler ultrasonography and correlation with perinatal outcome in intrauterine growth restriction
Dr. Tuleeka Sethi
University College of Medical Sciences and Guru Teg Bahadur Hospital
Delhi
51. Longitudinal assessment of resistance, pulsatility and amniotic fluid index by ultrasonography in post term pregnancy and their correlation with fetal outcome
Dr. Aneesha Minocha
University College of Medical Sciences and Guru Teg Bahadur Hospital
Delhi

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| 52. | An anthropological study on current prevalence, nature and etiology of childhood and adolescent obesity in Delhi | Dr. Sonali Walia
University of Delhi
Delhi |
| 53. | Long-term (2 year) effects of A reduced-fat diet intervention in type 2 diabetes mellitus | Km. Neelima Gundupalle
The Nizam's Institute of Medical Sciences
Hyderabad |
| 54. | Hormonal control of male fertility using testosterone buciclate (TB) and 7-alpha methyl-19-nor testosterone (MENT) | Sh. S.Panneerdoss
University of Rajasthan
Jaipur |
| 55. | Understanding families coping with thalassaemia : A psychosocial investigation | Ms. Tanuka Roy
Indian Institute of Technology
Kharagpur |
| 56. | Characterization of a sperm outer surface lectin receptor and its physiological significance | Sh. Kaushik Das
Indian Institute of Chemical Biology
Kolkata |
| 57. | Studies on the effect of supplementation of variable dietary components (protein and carbohydrate) in the diet on excitatory neurotransmitters in relation to brain regions and immune response in young and aged mammals | Km. Sudipta Pal
University College of Science
Kolkata |
| 58. | Studies on structural and functional properties of nonglycosylated and glycosylated haemoglobins in diabetes mellitus | Sh. Subhrojit Sen
University College of Science and Technology
Kolkata |
| 59. | Studies on the antioxidative effects of Sesame lignans in diabetes induced rats | Dr. Krishna Chattopadhyay
University College of Science and Technology
Kolkata |
| 60. | Studies on the mechanism of action of CDRI-84/35 (1-formyl-4-dichloroacetyl piperazine), a potent antispermatogenic agent in rat | Km. Priti Ojha
Central Drug Research Institute
Lucknow |
| 61. | Studies on the significance of maturation dependent 33 kDa glycoprotein of mammalian epididymis in human fertility/infertility | Sh. Abhishek Chandra
Central Drug Research Institute
Lucknow |
| 62. | To evaluate the efficacy of misoprostol for the induction of labour at term | Dr. Aruna Nigam
Era's Lucknow Medical College & Hospital
Lucknow |



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63. Role of enzyme adenosine deaminase (ADA) in early pregnancy/threatened abortion in women
Dr. Savita Srivastava
K.G. Medical University
Lucknow
64. A study on the effect of various herbal hypoglycemic agents on oxidative stress and antioxidant status in diabetics
Km. Anu Chandra
K.G. Medical University
Lucknow
65. Cellular and molecular mechanism of endometrial receptivity in women
Dr. Annu Makker
K.G. Medical University
Lucknow
66. Identification and characterization of sperm specific antigen/s by using vasectomy induced antisperm antibodies
Km. Monali Shashikant Wakle
National Institute for Research in Reproductive Health
Mumbai
67. Gene regulation of endometrial apoptosis
Smt. Mathura Yatin Narkar
National Institute for Research in Reproductive Health
Mumbai
68. Diabetes associated male reproductive dysfunction: Role of oxidative stress and its nutritional amelioration
Km. Shrilatha Balakrishnan
Central Food Technological Research Institute
Mysore
69. Xenobiotic-induced biochemical perturbations in pancreas and their interactive role in the onset of diabetes: Development of dietary ameliorations strategies
Sh. G.Vasudeva Kamath
Central Food Technological Research Institute
Mysore
70. Studies on influence of raw and heat processed garlic and onion on bile metabolism
Sh. S.K.Vidyashankar
Central Food Technological Research Institute
Mysore
71. Studies on the bioavailability of micronutrients from selected Indian foods
Smt. S.Hemalatha
Central Food Technological Research Institute
Mysore
72. *Aspergillus carbonarius* strain improvement and process development for the production of xanthophyll
Sh. K.R. Sanjay
Central Food Technological Research Institute
Mysore
73. Secretion of progesterone and expression of hypoxia inducible factor-1 alpha during hypoxia induced by cobalt chloride in MA-10 cells
Dr. Bidut Prava Mohanty
All India Institute of Medical Sciences
New Delhi



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| 74. | Determination of the efficacy of reflexology therapy in the management of mastalgia and nodularity of the female breast by estimating the physio-chemical parameters | Km. Charulata Jindal
All India Institute of Medical Sciences
New Delhi |
| 75. | Measurement of peak systolic velocity in the fetal middle cerebral artery for monitoring pregnancies complicated by Rh isolmmunization and to time the invasive procedures | Dr. Neema Sharma
All India Institute of Medical Sciences
New Delhi |
| 76. | Some epidemiological studies on unwanted pregnancy | Ms. Shahina Begum
All India Institute of Medical Sciences
New Delhi |
| 77. | An investigation on chromosome mosaicism and aneuploidy on early embryos through preimplantation genetic diagnosis | Sh. Ashish Kumar Fauzdar
All India Institute of Medical Sciences
New Delhi |
| 78. | Efficacy of daily and weekly iron folic acid supplementation in correction of iron deficiency anemia amongst 3-5 year old children | Smt. Shoba Suri
All India Institute of Medical Sciences
New Delhi |
| 79. | Efficacy and safety of tranaxemic acid for dysfunctional uterine bleeding and its comparison with cyclical progesterone therapy | Dr. Vidushi Kulshreshtha
All India Institute of Medical Sciences
New Delhi |
| 80. | Comparison of Diane 35 plus finasteride combination with Diane 35 plus spironolactone in the treatment of hirsutism | Dr. Sumitra Das
All India Institute of Medical Sciences
New Delhi |
| 81. | Active management of the third stage of labour at caesarean sections: A randomised comparison of sublingual misoprostol with syntocinon | Dr. Vimalamma Nellore
All India Institute of Medical Sciences
New Delhi |
| 82. | Role of uterine artery embolisation in management of symptomatic uterine fibroids | Dr. Kanupriya
Army Hospital
(Research & Referral)
New Delhi |
| 83. | Study of hepatic enzymes in neonates with perinatal asphyxia | Dr. Naveen Rana
Army Hospital
(Research & Referral)
New Delhi |



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| 84. | Gn RH agonists and antagonists in assisted reproductive techniques | Dr. Ratna Vasishtha
Army Hospital (Research & Referral)
New Delhi |
| 85. | Clinical predictors of sickness in young infants (age 0-2 months) | Dr. Anuj Jain
Deen Dyal Upadhyay Hospital
New Delhi |
| 86. | Study of placental histopathology and foeto-placental ratio in intrauterine growth retardation | Dr. Meenal Sharma
Deen Dyal Upadhyay Hospital
New Delhi |
| 87. | Lactational performance of the nursing mothers in Delhi - A study | Km. Kajali Paintal
Institute of Home Economics
New Delhi |
| 88. | Infant feeding practices with special reference to exclusive breastfeeding for first six months - An intervention study | Km. Vandana Sabharwal
Institute of Home Economics
New Delhi |
| 89. | Development of card based kit for rapid detection of aflatoxin in food stuff | Sh. Faraz Rashid
Jamia Hamdard
(Hamdard University)
New Delhi |
| 90. | Analysis of mutation in SRY gene & chromosomal anomalies in infertile patients and its clinical importance | Sh. Mohammad Shahid
Jamia Milia Islamia
New Delhi |
| 91. | Development of counseling module for nutritional, lifestyle and psychosocial management of patients with type 1 diabetes | Ms. Sonia Kakar
Lady Irwin College
New Delhi |
| 92. | Endometrial evaluation in Indian postmenopausal women and Associated Hospitals | Dr. Saira Zafar
Maulana Azad Medical College
New Delhi |
| 93. | A study to evaluate deficits of FSH & testosterone signal transductions in the Sertoli cells of infant rats in the phase of adequate hormones for determining causes of some forms of idiopathic male infertility | Dr. Jibanananda Mishra
National Institute of Immunology
New Delhi |
| 94. | Evaluation of the effects of various intervention strategies to counteract damages induced in the testis due to cryptorchidism : Studies in rats | Sh. Mukesh Kumar
National Institute of Health and Family Welfare
New Delhi |
| 95. | Estimation of serum magnesium in normal pregnancy as a predictor of gestational hypertension | Smt. Usha Kumari
Patna Medical College and Hospital
Patna |

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| 96. | Potential of antioxidants in fruits and vegetables in prevention of oxidation stress related disorders prevalent in Indians with special reference to cataract | Smt Kirtan Vilas Tarwadi
Agharkar Research Institute
Pune |
| 97. | Investigating activation of NAD(P)H oxidase and characterization of its components in the implanting embryos | Sh. Rajesh Kumar Jha
Rajiv Gandhi Centre for Biotechnology
Thiruvananthapuram |
| 98. | Identification of potential interacting partners of transcription factor stat3 during embryo implantation | Km. Shiny Titus
Rajiv Gandhi Centre for Biotechnology
Thiruvananthapuram |
| 99. | Characterization of NOX-5 in mouse spermatozoa and its assembly with photoregulatory elements | Dr. Sunita Agnihotri
Rajiv Gandhi Centre for Biotechnology
Thiruvananthapuram |
| 100. | Dietary antioxidants in habitual foods of different population groups and the prevalence of coronary heart disease risk factors | Dr. K.Kodanda Reddy
Sri Venkateswara University
Tirupati |
| 101. | Glycaemic response to selected pulse based products | Km. Shalini Sharma
Maharana Pratap University of Agriculture and Technology
Udaipur |
| 102. | Development and quality evaluation of low glycemic composite flour for <i>missi roti</i> | Km. Ankita Sharma
Maharana Pratap University of Agriculture and Technology
Udaipur |
| 103. | <i>In vitro</i> studies of the embryos of <i>Scotophilus heathi</i> and <i>Cynopterus sphinx</i> | Km. Anjana Tiwari
Banaras Hindu University
Varanasi |
| 104. | Effect of some medicinal plants with anti-diabetic potential on male reproductive health and pregnancy outcome | Km. Akanksha Singh
Banaras Hindu University
Varanasi |

Non-Communicable Diseases

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| 105. | Electromyographic and biomechanical analysis of VDU operators in relation to postdural stress and musculoskeletal discomfort | Km. Era Poddar
National Institute of Occupational Health
Ahmedabad |
| 106. | Role of environmental chemicals in human male reproductive system | Sh. Minal Devendra Mankad
National Institute of Occupational Health
Ahmedabad |



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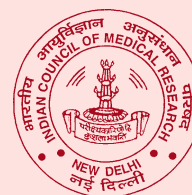
107. Carcinoma of the breast : evaluation of risk factors and biomarkers
Sh. R.Kumuraguruparan
Annamalai University
Annamalai Nagar
108. Combination chemoprevention of hamster buccal pouch carcinogens by bovine milk lactoferrin and tea polyphenols
Sh. K.V.P.Chandra Mohan
Annamalai University
Annamalai Nagar
109. Effect of melatonin and a-ketoglutarate on biochemical circadian rhythms (*in vivo* and *in vitro*) in hepatocellular carcinoma
Sh. Kadiyala Babu Dakshayani
Annamalai University
Annamalai Nagar
110. A study of serum her-2/neu expression in CA breast along with other prognostic factors like CEA, CA15-3 and tissue telomerase activity
Sh. Thrivenik Bhat
Kidwai Memorial Institute of Oncology
Bangalore
111. Clinical trial assessing efficacy of single agent (cisplatin) chemoradiation protocol versus conventional primary surgery and post - operative radiotherapy in advanced resectable pyriform fossa cancer
Dr. Abhey Sood
Kidwai Memorial Institute of Oncology
Bangalore
112. A hospital based study on progressive and regressive changes in oral precancerous lesions
Dr. Binti A.Jhuraney
National Tuberculosis Institute
Bangalore
113. Studies on biochemical mechanisms of carbonfuran neurotoxicity
Sh. Amit Kamboj
Panjab University
Chandigarh
114. Influence of loss of heterozygosity of the Wilm's tumour suppressor gene (wt1) on expression of IGF-2, IGF-1r, TGF- β 1 and angiogenic factors in DCIS and infiltrating breast carcinoma
Sh. Sachin Gupta
Postgraduate Institute of Medical Education and Research
Chandigarh
115. Effect of polychlorinated biphenyl (aroclor 1254) on Leydig cell steroidogenesis and beneficial effects of vitamin supplementation
Sh. Murugesan Palaniappan
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Madras
Chennai
116. Effect of histone h1 on cell mediated immune response in experimental breast cancer
Km. Ganapati Vani
University of Madras
Chennai
117. Etiological and clinical profile of seizure disorder in children (01 month - 05 years)
Dr. Pradipta K.Acharya
Base Hospital
Delhi

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| 118. | A randomised double controlled comparative study of continuous paravertebral block and continuous eopidural analgesia for post operative pain relief in hip surgeries | Dr. Pankaj N.Surange
Base Hospital
Delhi |
| 119. | Clinical study of operative conditions and hemodynamic response in cholecystectomy in general anesthesia <i>versus</i> combined spinal epidural anesthesia technique | Dr. Pallavi Kwatra
Hindu Rao Hospital
Delhi |
| 120. | Role of emotional intelligence in psychosocial problems and coping strategies among the children and spouses of alcoholism patients | Dr. Vinod Kumar Shanwal
Institute of Human Behaviour and Allied Sciences
Delhi |
| 121. | Role of free radicals in functional changes in vascular responsiveness on mercury exposure in rabbits | Km. Swati Omanwar
Vallabhbhai Patel Chest Institute
Delhi |
| 122. | Study of queuosine modification in tRNA during tumor growth in mice | Sh. Chandramani Pathak
Jiwaji University
Gwalior |
| 123. | Studies on oxidative DNA damage induced by organophosphate pesticides, chlorpyrifos and parathion in rats and search of a suitable biomarker | Sh. Radhey Shyam Verma
Jiwaji University
Gwalior |
| 124. | Anti-angiogenic role of TIITS/SLFA-3 in brain tumor abrogation | Smt. Chandra Banerjee
Dr.B.C.Roy Postgraduate Institute of Basic Medical Sciences
Kolkata |
| 125. | Oxidative injury in cerebral diseases | Dr. Sibani Sarkar
Indian Institute of Chemical Biology
Kolkata |
| 126. | Chromosomal aberrations and sister chromatid exchanges in the symptomatic individuals exposed to arsenic through drinking water in West Bengal | Km. Julie Mahata
Indian Institute of Chemical Biology
Kolkata |
| 127. | To investigate the role of nitric oxide, apoptosis and mitochondria in the experimental models of Parkinson's disease | Km. Sarika Singh
Central Drug Research Institute
Lucknow |



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128. Cellular and molecular mechanisms of heat shock proteins in ischemia/ reperfusion injury
Km. Namrata Manhas
Central Drug Research Institute
Lucknow
129. Isolation, characterization and applicability of bacterial strains from earthworm gut in endosulfan metabolism
Smt. Kiran Verma
Industrial Toxicology Research Centre
Lucknow
130. A study on modulation of proinflammatory cytokines, and anti-oxidative profile in experimental arthritis by *Nyctanthes arbor tirstis*
Sh. Brijesh Rathore
K.G. Medical University
Lucknow
131. Immunomodulatory role of *Aswagandha (Withania somnifera)* in patients of lung cancer
Dr. Neelu Gupta
K.G. Medical University
Lucknow
132. Genetic polymorphism in patients with calcium oxalate urolithiasis
Sh. Hemant Kumar Bid
Sanjay Gandhi Postgraduate Institute of Medical Sciences
Lucknow
133. Influence of curcumin on the wound healing properties of artificially wounded mouse exposed to different doses of gamma radiation
Sh. G.K.Rajanikanth
Kasturba Medical College and Hospital
Manipal
134. Laser spectroscopic and biochemical investigations on clinical samples in cancer of human uterine cervix
Sh. M.S.Chidananda
Manipal Academy of Higher Education
Manipal
135. Medial torsion of the tibia in Indian female patients with osteoarthritis of knee
Dr. Ashok Kumar
All India Institute of Medical Sciences
New Delhi
136. Evaluation of safety and efficacy of reloxifene in the management of postmenopausal osteoporosis and assessment of reliability of metacarpal index as an indicator of bone mineral density
Dr. Mallinath Gidaganti
All India Institute of Medical Sciences
New Delhi
137. Generation of domain specific antibodies against HIC - 1, a putative tumour suppressor protein, with a long term perspective to study its expression in various grades of human glial and other tumours and cell lines
Sh. Abdul Matin Mondal
All India Institute of Medical Sciences
New Delhi



138. Role of acyclovir - prednisolone combination in treatment for Bell's palsy
Dr. Foujia Shireen Hakeem
All India Institute of Medical Sciences
New Delhi
139. Role of transforaminal epidurography in diagnosis and management of failed back surgery syndrome
Dr. Mamta Khandelwal
All India Institute of Medical Sciences
New Delhi
140. An analytical perspective of missing data analysis in clinical trial of thyroid cancer
Sh. Prem Chandra
All India Institute of Medical Sciences
New Delhi
141. To assess the response of chemotherapy and radiotherapy in high grade malignant glioma and estimation of micronuclei in these radio-chemo exposed human population
Dr. Dilip Kumar Parida
All India Institute of Medical Sciences
New Delhi
142. Assessment of alcohol and tobacco abuse in adolescent children in government schools in the national capital territory of Delhi
Km. Vinita Singh
All India Institute of Medical Sciences
New Delhi
143. c667t and a1298c mutations in methylene tetra hydrofolate reductase gene in patients with myocardial infarction in comparison with healthy controls
Dr. Mukta Sharma
All India Institute of Medical Sciences
New Delhi
144. Effect of antioxidant supplementation on pain, antioxidant profile and oxidative stress in chronic pancreatitis
Smt. Payal Bhardwaj
All India Institute of Medical Sciences
New Delhi
145. Response of glioblastoma cell lines to chemotherapeutic agents, with reference to molecular indicators of genomic instability in normoxic and hypoxic condition
Sh. S.Chinnadurai
All India Institute of Medical Sciences
New Delhi
146. A study of the expression of II - 13 and II - 4 receptors in primary meningeal tumors
Sh. Sachin Puri
All India Institute of Medical Sciences
New Delhi
147. Sentinel node staging of early breast cancer (TNM-stage -T 1&2,NO) using lymphoscintigraphy and gamma detecting probe
Dr. Vikas Sood
Army Hospital (Research & Referral)
New Delhi



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| 148. | Comparison of the changes in foveal avascular zone before and after 532nm ND-YAG macular grid laser photocoagulation in cases of clinically significant macular edema | Dr. Aditya Verma
Army Hospital
(Research & Referral)
New Delhi |
| 149. | A study on foveal avascular zone in patients with diabetic retinopathy | Dr. Keerti Munday
Army Hospital
(Research & Referral)
New Delhi |
| 150. | Assessment of the protocol for evaluation of patients with bilateral profound sensorineural hearing loss | Dr. Vipin Kakar
Army Hospital
(Research & Referral)
New Delhi |
| 151. | To evaluate and compare the efficacy between laryngeal mask airway- classic, laryngeal mask airway - proseal and the endotracheal tube in patients undergoing diagnostic gynaecologic laproscopic surgery | Dr. Pratyush Gupta
Army Hospital
(Research & Referral)
New Delhi |
| 152. | Pretreatment with thiopental prevention of pain associated with propofol injection | Dr. Ajay Kumar
Army Hospital
(Research & Referral)
New Delhi |
| 153. | A comparative study of click evoked otoacoustic emission and distortion product: otoacoustic as a screening tool for noise induced hearing loss | Dr. Abhijeet Bhatia
Army Hospital
(Research & Referral)
New Delhi |
| 154. | Evaluation of intraoperative acute normvolemic hemodilution (ANH) in open heart surgeries | Dr. Tasskin Rehman Hazarika
Army Hospital
(Research & Referral)
New Delhi |
| 155. | A comparative study of bupivacaine and bupivacaine with fentanyl for post - op analgesia in oncosurgical patients through continuous thoracic epidural technique | Dr. Subrata Chakravarty
Army Hospital
(Research & Referral)
New Delhi |
| 156. | Study of efficacy of CO ₂ laser surgery in the management of oral - pharyngeal and laryngeal lesions | Dr. Nirupam Awasthi
Army Hospital
(Research & Referral)
New Delhi |
| 157. | A comparative study of different doses of propofol with fentanyl on tracheal intubating conditions, without muscle relaxants in children | Dr. Sushil Garg
Army Hospital
(Research & Referral)
New Delhi |

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| 158. | Comparative evaluation of conjunctival autograft <i>versus</i> limbal graft in the surgery of primary pterygium | Dr. Shuchi Verma
Army Hospital
(Research & Referral)
New Delhi |
| 159. | Evaluation of endoscopic sinus surgery with and without partial middle turbinate resection in patients of chronic sinusitis | Dr. Meena Chaudhari
Dr. Ram Manohar Lohia Hospital
New Delhi |
| 160. | Study of candidate genes associated with breast cancer susceptibility | Km. Anurupa Chakraborty
Institute of Pathology
New Delhi |
| 161. | Molecular studies on the BRCA2 gene and the p53 gene mutation in breast cancer | Sh. Neeraj D. Jain
Jamia Milia Islamia
New Delhi |
| 162. | Role of caspases, bax, k ras and apoptosis in malignant and premalignant lesions of oral cavity | Sh. Navneet Saini
Maulana Azad Medical College and Associated Hospitals
New Delhi |
| 163. | Evaluation of single stage ossicular chain reconstruction in patients operated for chronic suppurative otitis media | Dr. Anita Taparwal
Vardhman Mahavir Medical College & Safdarjung Hospital
New Delhi |
| 164. | To study the role of mitomycin C in preventing adhesion formation following endoscopic sinus surgery | Dr. Manish Gupta
Vardhman Mahavir Medical College & Safdarjung Hospital
New Delhi |
| 165. | Evaluation of results of obliterating mastoid cavity using vascularized temporalis myofascial flap with open cavity mastoid operations | Dr. Sunita Sanehi
Vardhman Mahavir Medical College & Safdarjung Hospital
New Delhi |
| 166. | Pharmacogenomics of selected genes in upper serodigestive tract cancers in a South Indian population | Km. Soya Sisy Sam
Jawaharlal Institute of Postgraduate Medical Education and Research
Pondicherry |
| 167. | Studies on the molecular mechanism of osteopontin regulated pormatrix metalloproteinase-9 activation and tumor growth | Km. Hema Rangaswami
National Centre for Cell Sciences
Pune |
| 168. | Germline mutation analysis of BRCA2 gene in hereditary breast ovarian cancer families in Kerala | Km. S. Vani
Regional Cancer Centre
Thiruvananthapuram |
| 169. | Enhancement of memory in the aged : An intervention study | Dr. K. Lalitha
Sri Venkateswara University
Tirupati |



Basic Medical Sciences

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| 170. | Hepatoprotective effect of andrographolide on liver cancer | Smt. Neha Pravinbhai Trivedi
Gujarat University
Ahmedabad |
| 171. | Chemical investigation, extraction, standardization and pharmacological analysis of three medicinal plants <i>i.e. Diospyros montana, Ficus lyrata</i> and <i>Xylosma longifolium</i> | Dr. Rakesh Kumar
Aligarh Muslim University
Aligarh |
| 172. | Allele specific sequencing of human MU opiate receptor : genetic correlation with opiate abuse | Sh. Shashwat Sharad
Allahabad Agricultural Institute
Allahabad |
| 173. | Studies on the isolation and mechanism of action of hypoglycemic compound(s) from <i>Murraya koengii</i> | Sh. Achyut Narayan Kesari
Allahabad University
Allahabad |
| 174. | Regulatory mechanisms of insulin action by taurine in high fructose-fed rats | Km. A.T.Anitha Nandhini
Annamalai University
Annamalai Nagar |
| 175. | Comparative effects of fenugreek (<i>Trigonella foenum graecum</i>) seed polyphenols and (-) epigallocatechin gallate on ethanol-induced liver damage in rats | Sh. Kaviarasan Subramanian
Annamalai University
Annamalai Nagar |
| 176. | Evaluation of the chemopreventive efficacy of ethanolic <i>neem</i> leaf extract and its constituents on experimental gastric carcinogenesis in Wistar rats | Km. R.Subapriya
Annamalai University
Annamalai Nagar |
| 177. | Modulatory effect of piperine on lipid metabolism in hypercholesterolemic rats | Sh. R.S.Vijayakumar
Annamalai University
Annamalai Nagar |
| 178. | Biochemical and physiological effects of exogenous recombinant leptin on hepatic fibrogenesis induced by chronic alcohol supplementation | Sh. Vairappan Balasubramanian
Annamalai University
Annamalai Nagar |
| 179. | The antihyperglycaemic activity of <i>Casearia ovata</i> (lam.) willd.root extracts in streptozotocin-induced diabetic rats | Sh. A.Prakasam
Annamalai University
Annamalai Nagar |

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| 180. | Effect of ursolic acid on chronic-ethanol induced toxicity in rats | Sh. R.Saravanan
Annamalai University
Annamalai Nagar |
| 181. | Screening of some halophytes and mangroves for antimicrobial activity | Sh. M.Chandrasekaran
Annamalai University
Annamalai Nagar |
| 182. | Neuro & psychopharmacological studies of <i>Enhydrina schistosa</i> venom, its photooxidised venom product and screening of herbal drugs for antivenom property | Sh. S.R.Fattepur
Al-Ameen College of Pharmacy
Bangalore |
| 183. | Formulation and evaluation of microspheres of ketoprofen and ketorolac tromethamine for controlled release | Sh. Sam Thomarayiel Mathew
Al-Ameen College of Pharmacy
Bangalore |
| 184. | Biochemical studies on Handigodu disease : A familial syndrome of epi (meta) physeal dysplasia | Sh. Mallikarjun Badadani
National Institute of Mental Health and Neurosciences
Bangalore |
| 185. | Molecular modulation of hyperlipidemia induced oxidative stress and LDL receptor expression by <i>Dunaliella salina</i> derived beta-carotene | Sh. Sanjiv Dhingra
Panjab University
Chandigarh |
| 186. | Studies on comparative phytochemistry and toxicological effects of different varieties of <i>Lantana camara var. aculeate</i> feeding to guinea pigs | Sh. Rajesh Sehgal
Panjab University
Chandigarh |
| 187. | Role of neurofilament phosphorylation in chronic aluminium neurotoxicity in rat | Km. Amarpreet Kaur
Postgraduate Institute of Medical Education and Research
Chandigarh |
| 188. | Detection of most common mutation (his1069gln) in Wilson disease by PCR based RFLP technique : Correlation between lymphocyte CuATPase activity and their phenotypes | Sh. Sandeep Kumar
Postgraduate Institute of Medical Education and Research
Chandigarh |
| 189. | Effect of garlic and carotenoids on oxidative stress due to isoniazid and rifampicin in rat liver | Sh. Ravinder Pal
Postgraduate Institute of Medical Education and Research
Chandigarh |



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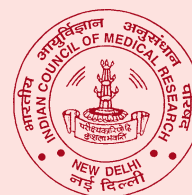
190. Utilization of plant derived antioxidants for designing safer non-steroidal anti-inflammatory drugs (NSAID) - prodrugs of diclofenac
Km. Benu Manon
University Institute of Pharmaceutical Sciences
Chandigarh
191. Design and development of lantadenes as antitumor agent
Sh. Manu Sharma
University Institute of Pharmaceutical Sciences
Chandigarh
192. Investigation of the role of beta-amyloid peptide on nitric oxide release in Alzheimer's disease
Dr. K.Samuel Jesudoss
Central Leather Research Institute
Chennai
193. Development of peptide (GHK) incorporated collagenous material for the treatment of wound healing process
Sh. V.Arul
Central Leather Research Institute
Chennai
194. A study towards molecular screening in women with PCOD from Chennai based population - Estimation of ob protein (serum leptin), ob mRNA expression in obese subjects
Sh. M.Ravishankar Ram
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Madras
Chennai
195. Contribution of connexin 26 mutations in childhood deafness of Indian population
Km. Sankarathi B.Mehanathan
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Madras
Chennai
196. Effect of *Ocimum sanctum* on noise induced alterations in brain free radical scavenging enzymes and neurotransmitters
Sh. J.Samson
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Madras
Chennai
197. A study on the expression of *TAMM-horsfall* glycoprotein under oxalate stress
Km. Sumitra Kamalanathan
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Chennai
Chennai
198. A study on the imbalance between the expression and activity of inducible and endothelial nitric oxide synthases (NOS) under oxalate stress condition and its potential impact on the expression of tamm horsfall
Sh. Pragasam Viswanathan
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Madras
Chennai

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| 199. | Evaluation of cytoprotective efficacy of pentacyclic triterpene and its ester against cyclophosphamide induced cardiotoxicity | Sh. P.T.Sudharsan
Dr.A.L.Mudaliar P.G.Institute of Basic Medical Sciences
University of Madras
Chennai |
| 200. | Construction of a novel shuttle vector system for enhanced expression of <i>Mycobacterium tuberculosis</i> antigens | Km. C.Mani
Tuberculosis Research Centre
Chennai |
| 201. | Design and development of iron (iii) hexacyanoferrate based amperometric sensor electrode for estimation of reduced glutathione in clinical samples | Sh. S.M.Senthil Kumar
University of Madras
Chennai |
| 202. | Putative antioxidant properties of HMG coA reductase inhibitors | Sh. K.Gauthaman
University of Madras
Chennai |
| 203. | Molecular mechanism of action of <i>Holarrhena antidyenterica</i> against enteropathogenic <i>Escherichia coli</i> | Km. D.Kavitha
University of Madras
Chennai |
| 204. | Antiulcer activity of <i>Pterocarpus santalinus</i> (red sandal wood) on experimental gastric ulcer-an <i>in vivo</i> and <i>in vitro</i> study | Km. Shoba Narayan
University of Madras
Chennai |
| 205. | To study the role of <i>molgramostim</i> [granulocyte macrophage colony stimulating factor (GM-CSF)] in enhancing the seroconversion post hepatitis-B vaccination in cases of leukemias and lymphomas in pediatric age | Dr. Manish Mannan
Base Hospital
Delhi |
| 206. | Biochemical studies on the antidiabetic effect and mechanism of action of <i>Terminalia chebula</i> in experimental animals | Sh. Y.Murali Krishna
Dr.B.R.Ambedkar Centre for Biomedical Research
University of Delhi
Delhi |
| 207. | Study of lipoprotein(a) levels and apolipoprotein(a) polymorphism in patients with premature coronary artery disease | Smt. Harsimrut Kaur Kalsey
University College of Medical Sciences and Guru Teg Bahadur Hospital
Delhi |
| 208. | Detailed studies on mechanism of action of the hypoglycemic compounds obtained from the bark of <i>Ficus bengalensis</i> | Km. Shweta Gupta
University College of Medical Sciences and Guru Teg Bahadur Hospital
Delhi |



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209. Role of oxidative stress in the induction of bronchial hyper responsiveness and its modulation by dietary antioxidant vitamin C and E in guinea pigs
Km. Sujata Upadhyay
Vallabhbhai Patel Chest Institute
Delhi
210. Therapeutic effectiveness of *Propolis* extract and its active principle against carbon tetrachloride induced liver damage in rats
Km. Monika Bhadauria
Jiwaji University
Gwalior
211. *Terminalia bellerica* roxb. and its active principle : 3,4,5 - trihydroxy benzoic acid as hepatoprotective agent against acetaminophen induced injury
Km. Anjana Jadon
Jiwaji University
Gwalior
212. Role of nutritional supplements along with chelating agents against aluminium induced toxicity : *in vitro* and *in vivo* approach
Dr. Sadhana Shrivastava
Jiwaji University
Gwalior
213. Psychopharmacological investigations on the benefits of Indian systems of medicine in the modulation of mental dysfunctions
Sh. M.Vasudevan
Guru Jambheshwar University
Hissar
214. Adhesion mediated cell survival signals in normal and cancerous cells
Dr. Rajeswari Jinka
Centre for Cellular and Molecular Biology
Hyderabad
215. Role of calcium and calpain (calcium-activated cysteine protease) in Duchenne muscular dystrophic cell death: An insight into apoptosis
Sh. J.Shanmuga Sundaram
Institute of Genetics and Hospital for Genetic Diseases
Hyderabad
216. An evaluation of genetic and molecular factors contributing to premature ovarian failure in Indian population
Sh. G. Jaya Prakash
Institute of Genetics and Hospital for Genetic Diseases
Hyderabad
217. Studies on activation of neutrophils by galectin-1
Sh. R.K.Gupta
Devi Ahilya Vishwavidyalaya
Indore
218. Investigation on some Indian medicinal plants for antifibrotic activity
Sh. T.A. Sheikh
Regional Research Laboratory
Jammu Tawi



219. Studies on a human placental bioactive sphingolipid mediated signal transduction in order to establish its role on the pigment recovery in vitiligo
Sh. Suman Kumar Singh
Indian Institute of Chemical Biology
Kolkata
220. Purification and characterisation of toxins from Russell's viper venom of eastern Indian origin
Km. Gargi Maity
Indian Institute of Chemical Biology
Kolkata
221. Study of health status and health maintenance among communities of Cachar district, Assam: Comparison between eco-zones
Smt. Sujata Kar
Indian Statistical Institute
Kolkata
222. Evaluation of indigenous medicinal plants having immunomodulatory activity in Indian leishmaniasis
Sh. Simran Bandyopadhyay
Institute of Postgraduate Medical Education and Research and S.S.K.M. Hospital
Kolkata
223. Studies on the synthesis of diphenylamine derivatives, benzanilide derivatives and 2-phenylbenzo-4-pyrone derivatives as antileishmanial agents in relation to their mode of action
Km. Ramesh Kumari
Jadavpur University
Kolkata
224. Molecular basis of inhibition of experimental hepatocarcinogenesis by *Trianthema portulacastrum* Linn
Km. Mitali Basu
Jadavpur University
Kolkata
225. Study of the potential of antisense insulin-like growth factor (IGF2) phosphorothioate oligomers as a future drug for liver cancer
Smt. Shampa Ghosh
Jadavpur University
Kolkata
226. Screening, characterization and production of novel antibiotics from marine actinomycetes isolated from the deltaic Sundarbans
Sh. Malay Saha
Jadavpur University
Kolkata
227. Production and purification of clinically important enzymes and enzyme inhibitors produced by marine microorganisms of the deltaic Sundarbans
Sh. Barindra Sana
Jadavpur University
Kolkata



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228. Exploring herbal antioxidant formulations from Indian system of medicine
Sh. S.R.M.Singh Rai
Jadavpur University
Kolkata
229. Studies on the biochemical effects of food additive (erythrosine B) in relation to brain serotonergic system and immune response
Sh. Arindam Dalal
University College of Science
Kolkata
230. Study of acute leukemia
Sh. Bama Charan Mondal
University College of Science and Technology
Kolkata
231. Structural and functional evaluation of cardioactive factor(s) isolated from King Cobra (*Ophiophagus hannah*) venom
Smt. Archita Saha
University College of Science and Technology
Kolkata
232. A study on the role of cyclooxygenase-2 in healing of gastric ulcer in rodents
Km. Poonam Dharmani
Central Drug Research Institute
Lucknow
233. Proteome analysis and characterization of cell-wall antigens of *Aspergillus fumigatus* and monoclonal antibodies production for their role in immunotherapeutics
Sh. Ashok Kumar Chaturvedi
Central Drug Research Institute
Lucknow
234. Testing teratogenicity by rat whole embryo culture
Sh. Gyanendra Singh
Central Drug Research Institute
Lucknow
235. The evaluation of the chemopreventive, chemoprotective and radioprotective properties of Naringin in mice
Sh. T.Koti Reddy
Kasturba Medical College and Hospital
Manipal
236. Evaluation of the chemoprotective and radioprotective properties of *Aegle marmelos (bael)* *in vivo* and *in vitro*
Sh. Ponemone Venkatesh
Kasturba Medical College and Hospital
Manipal
237. Design and evaluation of novel drug delivery systems of anti-malarial drugs
Sh. N.K.Tayade
Bombay College of Pharmacy
Mumbai
238. Pharmacological evaluation of indigenous plants for anti-allergic and anti-asthmatic activity
Sh. P.Suresh Kumar
Bombay College of Pharmacy
Mumbai

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| 239. | Investigation of purinergic neurotransmission in smooth muscle : Effect of ATPase inhibition on synaptic potentials in the mammalian vas deferens | Km. Parakashtha Ghildyal
Indian Institute of Technology
Mumbai |
| 240. | Genetic factors contributing to osteoporosis : study of polymorphism in human vitamin D and estrogen receptor genes | Km. Sumegha Mitra
National Institute for
Research in Reproductive Health
Mumbai |
| 241. | Molecular role of steroid acute regulatory (STAR) gene in steroidogenesis | Km. Heena U.Shirwalkar
National Institute for
Research in Reproductive Health
Mumbai |
| 242. | Molecular mechanism-based screening for putative antiangiogenic compounds from medicinal plants: Role in development of anticancer drugs | Sh. G.Thippeswamy
University of Mysore
Mysore |
| 243. | Turmerin - an "on the spot" antioxidant antidote for snake bite | Sh. M.Chetan Kumar
Adi Chunchanagiri Cancer
Research Centre
Nagamangala |
| 244. | Role of p53 on human cathepsin-1 expression | Sh. Rahul Katara
All India Institute of
Medical Sciences
New Delhi |
| 245. | The interrelationship between sleep-wakefulness and body temperature - Role of medical preoptic area | Sh. R.A.Vetrivelan
All India Institute of
Medical Sciences
New Delhi |
| 246. | Studies on immunoexpression of anti-apoptotic and transcription marker molecules in ovariectomized rat hippocampus | Sh. Kanhaiya Sharma
All India Institute of
Medical Sciences
New Delhi |
| 247. | Biochemical studies on regulation of c-myc promoter by targeting triple helix-forming oligonucleotides | Km. Akanchha
All India Institute of
Medical Sciences
New Delhi |
| 248. | Physico-chemical characterization of <i>Plasmodium vivax</i> heat shock metalloprotease | Sh. Asim Anees Siddiqui
All India Institute of
Medical Sciences
New Delhi |
| 249. | Outcome of HBsAg positive renal transplant recipients | Dr. Durga Shankar
Army Hospital
(Research & Referral)
New Delhi |



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250. To study the role of human recombinant erythropoietin in reducing blood transfusions in very low birth weight infants
Dr. Madasu Anjan
Army Hospital
(Research & Referral)
New Delhi
251. Interplay of the coronary risk agents in pediatric group of young parents affected with coronary artery disease
Smt. Vibha Pagare
G.B.Pant Hospital
New Delhi
252. Monoclonal antibodies to *Chlamydia trachomatis*: Characterization, specificity, sensitivity and reactivity of desired clones in clinical samples
Sh. Amit Kumar
Institute of Pathology
New Delhi
253. Biochemical studies on aflatoxin induced oxidative stress using mice as animal model
Km. Farah Naaz
Jamia Hamdard
(Hamdard University)
New Delhi
254. Production of bioactive gonadotropin by insect cell using baculovirus expression vector system
Km. V.Pooja
Jamia Hamdard
(Hamdard University)
New Delhi
255. Formulation and evaluation of novel drug delivery systems for anti-acne products using tea tree oil
Sh. S.S.Biju
Jamia Hamdard
(Hamdard University)
New Delhi
256. Selective h3-receptor ligands as novel agents in various neuropsychiatric disorders
Sh. Mohd. Akhtar
Jamia Hamdard
(Hamdard University)
New Delhi
257. Role of the chemical constituent of an indigenous plant in the chemopreventive potential of skin carcinogenesis in animal model system
Km. Sonia Sharma
Jamia Hamdard
(Hamdard University)
New Delhi
258. Development of new drug delivery system with sodium- hydrogen exchanger modulators and evaluation of their role in epilepsy
Sh. Atif Ali
Jamia Hamdard
(Hamdard University)
New Delhi
259. Antidiabetic properties of *Trigonella foenum graecum* related to membrane structure and function
Mohd. Rizwan Siddiqui
Jamia Milia Islamia
New Delhi
260. Effect of low level 2.45 and 16.5 ghz radiation on developing rats brain
Sh. R.Paulraj
Jawaharlal Nehru University
New Delhi

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| 261. | Elucidation of the role of neuropeptide, neurokinin B and its analogues on molecular and biochemical correlates in aging brain functions | Sh. M.Anil Kumar
Jawaharlal Nehru University
New Delhi |
| 262. | Evaluation of the modulatory effects of some common dietary constituents on radiation induced damage | Dr. Ashu Bhan Tiku
Jawaharlal Nehru University
New Delhi |
| 263. | The role of oxidative stress and cellular transcription factor ap-1 in pre and post operative cases of breast carcinomas | Km. Priyanka Verma
Lady Hardinge Medical College and Associated Hospitals
New Delhi |
| 264. | Neural repair by glial cell line derived neurotrophic factor (GDNF) in experimental model of Parkinson's disease | Km. Shalini Singh
Maulana Azad Medical College and Associated Hospitals
New Delhi |
| 265. | Cytogenetic and molecular biological study of sporadic and familial breast cancer patients from Goa | Ms. T.M.Deshpande
Goa University
Panaji |
| 266. | Assessment of the probiotic potential of pediocin producing natural isolates of <i>Pediococcus</i> spp | Smt. Baljinder Kaur
Punjabi University
Patiala |
| 267. | Biochemical variation among hill peoples of Lahaul-Spiti and Kulu districts of north Himachal Pradesh | Km. Rupinder Kaur Bansal
Punjabi University
Patiala |
| 268. | Relationship between candidate genes of hypercholesterolemia and the risk of coronary heart disease in South Indian population | Dr. Padmaja Narayanan
Jawaharlal Institute of Postgraduate Medical Education and Research
Pondicherry |
| 269. | Molecular diagnosis of chronic myeloid leukemia and its relevance to clinical management | Dr. Anshuman Chaturvedi
Armed Forces Medical College and Command Hospital
Pune |
| 270. | Conformational analysis of anticancer drug mitoxantrone, its analogues and their complexes by NMR spectroscopy and molecular modeling techniques | Km. Manpreet Kaur Narang
Indian Institute of Technology
Roorkee |
| 271. | Development of floating drug delivery systems in the effective management of <i>Helicobacter pylori</i> | Km. R.B.Umamaheswari
Dr.Hari Singh Gour
Vishwavidyalaya
Sagar |



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272. Dendrimer mediated genetic immunization against hepatitis - B
Sh. Tathagata Dutta
Dr.Hari Singh Gour
Vishwavidyalaya
Sagar
273. Microbial triggered targeted oral drug delivery for colorectal cancer
Sh. Anekant Jain
Dr.Hari Singh Gour
Vishwavidyalaya
Sagar
274. Osmotically regulated multi-drug oral delivery systems: development and characterization
Sh. D. Prabakaran
Dr.Hari Singh Gour
Vishwavidyalaya
Sagar
275. Development and characterization of intestinal m-cell targeted microsphere for the oral vaccination against hepatitis B
Sh. Premnarayan Gupta
Dr.Hari Singh Gour
Vishwavidyalaya
Sagar
276. Study of microtubule assembly by some microtubule nucleation promoters
Km. Nisha Elizabeth Thomas
Rajiv Gandhi Centre for Biotechnology
Thiruvananthapuram
277. Leucocyte and platelet deposition in atherosclerotic plaques: Role of sugar specific adhesion to endothelial lectin galectin 1 and prospect of its inhibition by human erythrocyte membrane oligosaccharides
Km. S. R. Sangeetha
Sree Chitra Tirunal Institute for Medical Sciences and Technology
Thiruvananthapuram
278. Effect of co-administration of cyanoglycosides isolated from *Cassava* and alcohol on experimental animals
Km. R. G. Boby
University of Kerala
Thiruvananthapuram
279. Studies on monocyte-macrophage differentiation
Km. A. Radhika
University of Kerala
Thiruvananthapuram
280. Studies on Sertoli cell-matrix interactions
Dr. K. C. Chitra
University of Kerala
Thiruvananthapuram
281. Inhibition of viral carcinogenesis by selected medicinal plants
Sh. K.B.Hari Kumar
Amala Cancer Hospital and Research Centre
Thrissur
282. Study of the anticarcinogenic effect of *Terminalia arjuna*, *Andrographis paniculata* and *Asparagus racemosus* in Dalton's lymphoma ascites bearing mice
Km. Nibha Verma
Banaras Hindu University
Varanasi



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283. Studies on the cardioprotective actions of bradykinin and its signal cascade mechanism in rats with experimental myocardial infarction
- Sh. V. Krishna Kumar
Andhra University
Visakhapatnam
284. Reno protective actions of aldose reductase inhibitors in experimental diabetic nephropathy
- Sh. G. Jayaprakash
Andhra University
Visakhapatnam
285. Investigations on biosynthesis, continuous production and kinetics of urokinase (uk) employing immobilized mesangio-proliferative glomerulo nephritis (MPGN) kidney cells
- Km. Bhavani Devi Ravuri
Andhra University
Visakhapatnam

Expenditure on fellowships during the year Rs. 240.00 Lakhs

Annual Report 2004-2005