

Research Fellowships Funded during 2003-2004

Sl. No.	Title of the Project	Name of the Fellow/Institute
Epidemiology and Communicable Diseases		
1.	Role of apoptosis in the pathogenesis of rabies. correlation of virological, pathological and immunological parameters - A study in human, canine and rodent nervous system	Km. M.S. Suja National Institute of Mental Health and Neurosciences Bangalore
2.	Molecular and cellular approach to the pathogenesis of neurotuberculosis: A preliminary study on characterization of <i>M. tuberculosis</i> isolates from CSF and sputum	Sh. M.V. Manjunath National Institute of Mental Health and Neurosciences Bangalore
3.	Development of an immunodiagnostic assay using recombinant p1 protein of <i>Mycoplasma pneumoniae</i>	Smt. Irum Tabassum National Tuberculosis Institute Bangalore
4.	A study of polymorphic regions of the genes encoding protective antigens of <i>P. vivax</i> and <i>P. falciparum</i> strains prevalent in North - Western regions of India	Sh. Umar Farooq Gaur Postgraduate Institute of Medical Education and Research Chandigarh
5.	Cytokine responses in symptomatic vs asymptomatic amoebiasis patients	Sh. Devendra Bansal Postgraduate Institute of Medical Education and Research Chandigarh
6.	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
7.	Rapid detection and identification of dengue virus by molecular methods	Km. Jayashri Mahalingam King Institute of Preventive Medicine Chennai
8.	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
9.	Dermatological manifestations in HIV infection and its correlation with CD4 count	Dr. Gulhima Chawla Base Hospital Delhi



Sl. No.	Title of the Project	Name of the Fellow/Institute
10.	Role of apoptosis in the pathogenesis of influenza A virus, correlation of virological and immunological parameters : A study in human and murine model	Sh. Vikram Srivastava Vallabhbhai Patel Chest Institute University of Delhi Delhi
11.	Identification and pathogenesis of influenza virus in acute exacerbation of asthma	Sh. Pankaj Kumar Vallabhbhai Patel Chest Institute University of Delhi Delhi
12.	Analysis of molecular basis of pyrazinamide resistance in mycobacteria	Smt. E. Ezhilkatharine Vallabhbhai Patel Chest Institute University of Delhi Delhi
13.	Study of extracellular proteinase and phospholipase activities of clinical and environmental isolates of <i>Cryptococcus neoformans</i> , <i>Candida albicans</i> and <i>non-albicans</i>	Sh. S.R. Nawange Rani Durgawati Vishwavidyalaya Jabalpur
14.	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
15.	Characterization of extended spectrum beta lactamase producing <i>Klebsiella</i> spp. isolated from Intensive Care Unit	Sh. Rajesh Kumar Mondal Chhatrapati Shahuji Maharaj Medical University Lucknow
16.	Effect of chromium on dengue virus infection in mice	Km. Richa Shrivastava Industrial Toxicology Research Centre Lucknow
17.	A prospective study to evaluate the role of <i>Clostridium perfringens</i> in diarrhoea versus controls and their phenotypic and genotypic characterization	Km. Lovely Joshy All India Institute of Medical Sciences New Delhi
18.	Development of a conjugate vaccine for enteric fevers	Km. Sanyukta Sengupta All India Institute of Medical Sciences New Delhi
19.	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



Sl. No.	Title of the Project	Name of the Fellow/Institute
20.	Characterization of devR - devS and devS homologue (Rv2027C gene product) of <i>Mycobacterium tuberculosis</i> with special reference to their phosphorylation	Sh. S. Chakravorty All India Institute of Medical Sciences New Delhi
21.	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
22.	Adrenocortical function in human immunodeficiency virus (HIV) infection	Dr. Amitava Mitra Army Hospital (Research & Referral) New Delhi
23.	Study of mutation in the HBV genome in fulminant hepatitis patients and its clinical significance	Sh. Abdul Malik Jamia Milia Islamia New Delhi
24.	Cytoadherence and receptor - ligand interactions of <i>Plasmodium falciparum</i> field isolates with different receptor specificities	Sh. Anup Kumar Biswas Jawaharlal Nehru University New Delhi
25.	Epidemiology, molecular typing, strain characterization and drug resistance profiling of candidal infections in burn patients	Dr. Nivedita Gupta Jawaharlal Nehru University New Delhi
26.	Genital infection with human papilloma virus : Correlation with pregnancy and neonatal outcome	Dr. Garima Chauhan Maulana Azad Medical College and Associated Hospitals New Delhi
27.	Role of hepatitis E virus (HEV) infection in acute viral hepatitis and fulminant hepatitis during pregnancy	Km. Nishat Jilani Maulana Azad Medical College and Associated Hospitals New Delhi
28.	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
29.	Study of non structural protein encoding gene of hepatitis C virus	Sh. Deepak Kumar Maulana Azad Medical College and Associated Hospitals New Delhi
30.	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
31.	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



Sl. No.	Title of the Project	Name of the Fellow/Institute
32.	Epidemiology and pathogenesis of fungal infections of nose and paranasal sinuses	Dr. Gurparamjit Singh Gill Government Medical College and Rajendra Hospital Patiala

Reproductive Health and Nutrition

33.	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
34.	Role of oxidative stress on reproductive activity in mice	Km. Parminder Kaur Panjab University Chandigarh
35.	Evaluation of hepatoprotective role of zinc in conditions of nickel toxicity induced in protein deficient rats	Sh. P.S. Sidhu Panjab University Chandigarh
36.	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
37.	Clinical effectiveness of co-trimoxazole - versus - amoxycillin for pneumonia in children - A randomized controlled trial	Dr. S.M. Rajesh Base Hospital Delhi
38.	Nutritional and hypoglycemic effect of fruit pulp and leaves of <i>Annona squamosa</i> (custard apple)	Sh. R.K. Gupta Dr. B.R. Ambedkar Centre for Biomedical Research Delhi
39.	First trimester uterine artery doppler velocimetry and pregnancy outcome	Dr. Arifa Anwar Elahi University College of Medical Sciences and Guru Teg Bahadur Hospital Delhi
40.	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
41.	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
42.	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



Sl. No.	Title of the Project	Name of the Fellow/Institute
43.	An anthropological study on current prevalence, nature and etiology of childhood and adolescent obesity in Delhi	Dr. Sonali Walia University of Delhi Delhi
44.	Long-term (2 year) effects of a reduced-fat diet intervention in type 2 diabetes mellitus	Km. Neelima Gundupallee The Nizam's Institute of Medical Sciences Hyderabad
45.	Investigating activation of NAD(p)H oxidase and characterization of its components in the implanting embryos	Sh. Rajesh Kumar Jha Devi Ahilya Vishwavidyalaya Indore
46.	Hormonal control of male fertility using testosterone buciclate (TB) and 7-alpha methyl-19-nor testosterone (MENT)	Sh. S. Panneerdoss University of Rajasthan Jaipur
47.	Studies on further development of progesterone releasing intrauterine device (IUD) to enhance its duration of release	Dr. A.K. Ghosh Jadavpur University Kolkata
48.	Studies on the effect of supplementation of variable dietary components (protein and carbohydrate) in the diet on excitatory neurotransmitter in relation to brain regions and immune response in young and aged mammals	Km. Sudipta Pal University College of Science Kolkata
49.	Studies on structural and functional properties of nonglycosylated and glycosylated haemoglobins in diabetes mellitus	Sh. Subhrojit Sen University College of Science and Technology Kolkata
50.	Studies on the antioxidative effects of sesame lignans in diabetes induced rats	Dr. Krishna Chattopadhyay University College of Science and Technology Kolkata
51.	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
52.	Role of enzyme adenosine deaminase (ADA) in early pregnancy/threatened abortion in women	Dr. Savita Srivastava Chhatrapati Shahuji Maharaj Medical University Lucknow
53.	A study on the effect of various herbal hypoglycemic agents on oxidative stress and antioxidant status in diabetics	Km. Anu Chandra Chhatrapati Shahuji Maharaj Medical University Lucknow
54.	Cellular and molecular mechanism of endometrial receptivity in women	Dr. Annu Makker Chhatrapati Shahuji Maharaj Medical University Lucknow



Sl. No.	Title of the Project	Name of the Fellow/Institute
55.	Role of testosterone in spermatogenesis: Regulation of nuclear chromatin condensation in adult male rat	Sh. M.A. Ansari National Institute for Research in Reproductive Health Mumbai
56.	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
57.	Gene regulation of endometrial apoptosis	Smt. Mathura Yatin Narkar National Institute for Research in Reproductive Health Mumbai
58.	Diabetes associated male reproductive dysfunction: Role of oxidative stress and its nutritional amelioration	Km. Shrilatha Balakrishnan Central Food Technological Research Institute Mysore
59.	Studies on influence of raw and heat processed garlic and onion on bile metabolism	Sh. S.K. Vidyashankar Central Food Technological Research Institute Mysore
60.	Studies on the bioavailability of micronutrients from selected Indian foods	Smt. S. Hemalatha Central Food Technological Research Institute Mysore
61.	A computer application to analyse trace element inter- relationships in serum of normal, Alzheimer's and Parkinson's disorder : a relevance to diagnostic approach	Sh. M.B. Sanjay Pande University of Mysore Mysore
62.	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
63.	Measurement of peak systolic velocity in the fetal middle cerebral artery for monitoring pregnancies complicated by Rh isoimmunization and to time the invasive procedures	Dr. Neema Sharma All India Institute of Medical Sciences New Delhi
64.	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
65.	Nutritional status of diabetics	Dr. Sneha Arora All India Institute of Medical Sciences New Delhi



Sl. No.	Title of the Project	Name of the Fellow/Institute
66.	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
67.	Efficacy and safety of tranexamic acid for dysfunctional uterine bleeding and its comparison with cyclical progesterone therapy	Dr. Vidushi Kulshreshtha All India Institute of Medical Sciences New Delhi
68.	Role of uterine artery embolisation in management of symptomatic uterine fibroids	Dr. Kanupriya Army Hospital (Research & Referral) New Delhi
69.	Study of hepatic enzymes in neonates with perinatal asphyxia	Dr. Naveen Rana Army Hospital (Research & Referral) New Delhi
70.	Role of conventional radiography, computerized tomography, magnetic resonance imaging in the evaluation of pituitary gland and its abnormalities	Dr. Nilu Mehrotra Army Hospital (Research & Referral) New Delhi
71.	Clinical predictors of sickness in young infants (age 0-2 months)	Dr. Anuj Jain Deen Dyal Upadhyay Hospital New Delhi
72.	Study of placental histopathology and foeto-placental ratio in intrauterine growth retardation	Dr. Meenal Sharma Deen Dyal Upadhyay Hospital New Delhi
73.	Lactational performance of the nursing mothers in Delhi	Km. Kajali Paintal Institute of Home Economics New Delhi
74.	Development of card based kit for rapid detection of aflatoxin in food stuff	Sh. Faraz Rashid Jamia Hamdard (Hamdard University) New Delhi
75.	Analysis of mutation in <i>sry</i> gene and chromosomal anomalies in infertile patients and its clinical importance	Sh. Mohammad Shahid Jamia Milia Islamia New Delhi
76.	Endometrial evaluation in Indian postmenopausal women	Dr. Saira Zafar Maulana Azad Medical College and Associated Hospitals New Delhi
77.	The effect of ethinyl estradiol in clomiphene induced cycles on endometrial thickness and pregnancy outcome	Dr. Shalini Pal Maulana Azad Medical College and Associated Hospitals New Delhi



Sl. No.	Title of the Project	Name of the Fellow/Institute
78.	Antioxidative effects of melatonin to counter damage induced by lipid peroxidation during pregnancy and post delivery : Studies in rats	Dr. Kanchan Upreti National Institute of Health and Family Welfare New Delhi
79.	Estimation of serum magnesium in normal pregnancy as a predictor of gestational hypertension	Smt. Usha Kumari Patna Medical College and Hospital Patna
80.	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
81.	Potential of antioxidants and micronutrients from foods and herbal materials for treatment of type II diabetes	Km. Sangeeta Shashikant Mengal Agharkar Research Institute Pune
82.	Role of micronutrients (vitamins and W-3 fatty acids) in foetal adaptations to undernutrition and implications for adult health using rat model	Dr. Sadhana Ramachandra Joshi Agharkar Research Institute Pune
83.	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
84.	Glycemic index of the cereal based traditional recipes of Rajasthan	Km. Nikita Bordia College of Home Science Udaipur
85.	<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
86.	Effect of short and long-term feeding of some common Indian spices on male reproductive performance	Sh. R.K. Mishra Banaras Hindu University Varanasi

Non-Communicable Diseases

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



Sl. No.	Title of the Project	Name of the Fellow/Institute
89.	Carcinoma of the breast : Evaluation of risk factors and biomarkers	Sh. R. Kumuraguruparan Annamalai University Annamalai Nagar
90.	Clinical trial assessing efficacy of single agent (cisplatin) chemoradiation protocol <i>versus</i> conventional primary surgery and post-operative radiotherapy in advanced resectable pyriform fossa cancer	Dr. Abhey Sood Kidwai Memorial Institute of Oncology Bangalore
91.	A hospital based study on progressive and regressive changes in oral precancerous lesions	Dr. Binti A. Jhuraney National Tuberculosis Institute Bangalore
92.	Evaluation of the radiosensitizing effect of withaferin A and hyperthermia on a radioresistant mouse melanoma - cellular and subcellular studies	Sh. Guruprasad K. Jawaharlal Nehru Cancer Hospital and Research Centre Bhopal
93.	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
94.	Etiological and clinical profile of seizure disorder in children (01 month - 05 years)	Dr. Pradipta K. Acharya Base Hospital Delhi
95.	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
96.	Role of <i>Chlamydia pneumoniae</i> infection in acute ischemic stroke	Dr. Meghna Nathani University College of Medical Sciences and Guru Teg Bahadur Hospital Delhi
97.	Role of hypertonic saline in initial resuscitation of patients with acute pancreatitis	Dr. Himanshu Arora University College of Medical Sciences and Guru Teg Bahadur Hospital Delhi
98.	Role of facial nerve monitoring in lowering of facial ridge in tympanomastoid surgery	Dr. Medha Mehta University College of Medical Sciences and Guru Teg Bahadur Hospital Delhi
99.	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



Sl. No.	Title of the Project	Name of the Fellow/Institute
100.	Studies on ceramide in relevance to synovial cell and fluid of rheumatoid arthritis to find a basis for recovery	Dr. Aditi Banerjee Indian Institute of Chemical Biology Kolkata
101.	Oxidative injury in cerebral diseases	Dr. Sibani Sarkar Indian Institute of Chemical Biology Kolkata
102.	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
103.	MIB-1 immunocytochemical expression in normal and neoplastic epithelium of human uterine cervix	Dr. Anju Mehrotra Chhatrapati Shahuji Maharaj Medical University Lucknow
104.	Immunomodulatory role of <i>Aswagandha</i> (<i>Withania somnifera</i>) in patients of lung cancer	Dr. Neelu Gupta Chhatrapati Shahuji Maharaj Medical University Lucknow
105.	Studies on correlation of chlorinated pesticide and heavy metal lead and cadmium residues with human semen quality	Km. Niraj Pant Industrial Toxicology Research Centre Lucknow
106.	Evaluation of the antineoplastic and radiosensitizing activities agents in cultured Hela cells	Sh. Shrinath M. Baliga Kasturba Medical College and Hospital Manipal
107.	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
108.	Study on optical fibre evanescent wave immunosensor	Sh. G. Biju Kumar All India Institute of Medical Sciences New Delhi
109.	Studies on the interaction of endosulfan and malathion with serum complement and macrophages	Km. Sadia Ayub All India Institute of Medical Sciences New Delhi
110.	Cytokine profiles of peripheral blood lymphocytes in patients with oral cancer	Km. Abhilasha Agarwal All India Institute of Medical Sciences New Delhi



Sl. No.	Title of the Project	Name of the Fellow/Institute
111.	Study of angiogenesis in renal cell carcinoma and its correlation with biological and clinical behaviour	Sh. M.K. Govindan All India Institute of Medical Sciences New Delhi
112.	Correlation of polymorphism of apolipoprotein E gene with dyslipidemia and body composition in Northern Indian subjects : A case-control study	Km. Manjari Dwivedi All India Institute of Medical Sciences New Delhi
113.	To assess the response of chemotherapy and radiotherapy in high grade malignant glioma and estimation of micronuclei in these radio-chemo exposed human populations	Dr. Dilip Kumar Parida All India Institute of Medical Sciences New Delhi
114.	Concomitant <i>versus</i> sequential chemoradiation in locally advanced stage carcinoma of the oesophagus : A comparative study	Dr. Siddhartha Nanda All India Institute of Medical Sciences New Delhi
115.	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
116.	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
117.	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
118.	Retinal effects of chloroquine: Evaluation by electroretinogram and computerized automated perimetry	Dr. Pankaj Kataria Army Hospital (Research & Referral) New Delhi
119.	A study on foveal avascular zone in patients with diabetic retinopathy	Dr. Keerti Munday Army Hospital (Research & Referral) New Delhi
120.	Study of low - dose bupivacaine with fentanyl in spinal anaesthesia for urologic surgeries	Dr. Pramod Patra Army Hospital (Research & Referral) New Delhi
121.	To evaluate and compare the efficacy between laryngeal mask airway-classic, laryngeal mask airway-proseal and the endotracheal tube in patients undergoing diagnostic gynaecologic laparoscopic surgery	Dr. Pratyush Gupta Army Hospital (Research & Referral) New Delhi



Sl. No.	Title of the Project	Name of the Fellow/Institute
122.	Evaluation of intraoperative acute normvolemic hemodilution (ANH) in open heart surgeries	Dr. Tasskin Rehman Hazarika Army Hospital (Research & Referral) New Delhi
123.	A study of efficacy of ND : YAG laser (1064 nm) in thermal mode (free-running) for laser trabeculoplasty in controlling intra - ocular pressure in primary open angle glaucoma in three different situations	Dr. Pradip Kumar Army Hospital (Research & Referral) New Delhi
124.	The comparative effects of propofol <i>versus</i> seroflurane in induction, maintenance and recovery in day care surgery	Dr. B.M. Nayyar Army Hospital (Research & Referral) New Delhi
125.	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
126.	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
127.	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
128.	Molecular studies on the BRCA2 gene and the p53 gene mutation in breast cancer	Sh. Neeraj D. Jain Jamia Milia Islamia New Delhi
129.	Comparison of early and late pulmonary changes in inhalation burn injuries - A prospective study	Dr. Swaroop Singh Gambhir Lok Nayak Jai Prakash Narayan Hospital New Delhi
130.	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
131.	Telomerase activity as tumor marker in cervical cancers	Km. Alpna Sharma Maulana Azad Medical College and Associated Hospitals New Delhi
132.	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



Sl. No.	Title of the Project	Name of the Fellow/Institute
133.	Effect of topical anti - glaucomatous medication on human conjunctiva - An evaluation by conjunctival impression cytology	Dr. Simaljit Kaur Sethi Vardhman Mahavir Medical College & Safdarjung Hospital New Delhi
134.	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
135.	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
136.	Pharmacogenomics of selected genes in upper serodigestive tract cancers in a South Indian population	Km. Soya Sisy Sam Jawaharlal Institute of Postgraduate Medical Education & Research Pondicherry
137.	Enhancement of memory in the aged : An intervention study	Dr. K. Lalitha Sri Venkateswara University Tirupati

Basic Medical Sciences

138.	Hepatoprotective effect of andrographolide on liver cancer	Smt. Neha Pravinbhai Trivedi Gujarat University Ahmedabad
139.	Regulatory mechanisms of insulin action by taurine in high fructose-fed rats	Km. A.T. Anitha Nandhini Annamalai University Annamalai Nagar
140.	The antihyperglycaemic activity of <i>Casearia ovata</i> (lam.) willd.root extracts in streptozotocin-induced diabetic rats	Sh. A. Prakasam Annamalai University Annamalai Nagar
141.	Effect of ursolic acid on chronic-ethanol induced toxicity in rats	Sh. R. Saravanan Annamalai University Annamalai Nagar
142.	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
143.	Role of neurofilament phosphorylation in chronic aluminium neurotoxicity in rat	Km. Amarpreet Kaur Postgraduate Institute of Medical Education and Research Chandigarh



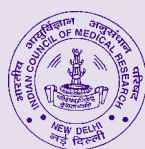
Sl. No.	Title of the Project	Name of the Fellow/Institute
144.	Effect of garlic and carotenoids on oxidative stress due to isoniazid and rifampicin in rat liver	Sh. Ravinder Pal Postgraduate Institute of Medical Education and Research Chandigarh
145.	Investigation of the role of beta-amyloid peptide on nitric oxide release in Alzheimer's disease	Dr. K. Samuel Jesudoss Central Leather Research Institute Chennai
146.	A study towards molecular screening in women with PCOD from Chennai base 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
147.	Mutational analysis of alpha-l iduronidase gene (IDUA) in South Indian population	Sh. K. Mahalingam Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences University of Madras Chennai
148.	Therapeutic efficacy of <i>Tinospora cordifolia</i> stem extract along with paclitaxel on 7, 12-dimethyl benz(a) anthracene induced breast cancer in albino rats	Km. M.Sarumathi Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences University of Madras Chennai
149.	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 Madras Chennai
150.	A study on the imbalance between the expression and activity of inducible and endothelial nitric oxide.	Sh. Pragasam Viswanathan Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences University of Madras Chennai
151.	Construction of a novel shuttle vector system for enhanced expression of <i>Mycobacterium tuberculosis</i> antigens	Km. C. Mani Tuberculosis Research Centre Chennai
152.	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
153.	Putative antioxidant properties of HMG CoA reductase inhibitors	Sh. K. Gauthaman University of Madras Chennai



Sl. No.	Title of the Project	Name of the Fellow/Institute
154.	Molecular mechanism of action of <i>Holarrhena antidysenterica</i> against enteropathogenic <i>Escherichia coli</i>	Km. D. Kavitha University of Madras Chennai
155.	To study the effect of dietary fat and endotoxin on immune responses and pathogenesis of experimental alcoholic liver disease	Km. Charu Mehra Kamal Dr. B.R. Ambedkar Centre for Biomedical Research Delhi
156.	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
157.	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
158.	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 University of Delhi Delhi
159.	Therapeutic effectiveness of <i>Propolis</i> extract and its active principle against carbon tetrachloride induced liver damage in rats	Km. Monika Bhadauria Jiwaji University Gwalior
160.	Adhesion mediated cell survival signals in normal and cancerous cells	Dr. Rajeswari Jinka Centre for Cellular and Molecular Biology Hyderabad
161.	Studies on activation of neutrophils by galectin-1	Sh. R.K. Gupta Devi Ahilya Vishwavidyalaya Indore
162.	Anti-thyroid action of phenylhydrazine : Studies on the hypothalamopituitary - thyroid axis in juvenile and adult male rats	Dr. Mitali Pramanik Bose Institute (New Campus) Kolkata
163.	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
164.	Molecular basis of inhibition of experimental hepatocarcinogenesis by <i>Trianthema portulacastrum</i> Linn	Km. Mitali Basu Jadavpur University Kolkata
165.	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



Sl. No.	Title of the Project	Name of the Fellow/Institute
166.	Screening, characterization and production of novel antibiotics from marine actinomycetes isolated from the deltaic Sundarbans	Sh. Malay Saha Jadavpur University Kolkata
167.	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
168.	Pharmacological and structural evaluation of toxins from the skin extract of snake head fish <i>Channa striatus</i>	Sh. Surajit Karmakar University College of Science and Technology Kolkata
169.	Study of longitudinal growth and bone radiography in relation to oral iron chelator deferiprone (Kelfer)	Dr. Anita Saxena Sanjay Gandhi Postgraduate Institute of Medical Sciences Lucknow
170.	The evaluation of the chemopreventive, chemoprotective and radioprotective properties of naringin in mice	Sh. T. Koti Reddy Kasturba Medical College and Hospital Manipal
171.	Design and evaluation of novel drug delivery systems of anti-malarial drugs	Sh. N.K.Tayade Bombay College of Pharmacy Mumbai
172.	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
173.	Molecular role of steroid acute regulatory (STAR) gene in steroidogenesis	Km. Heena U.Shirwalkar National Institute for Research in Reproductive Health Mumbai
174.	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
175.	Physico-chemical characterization of <i>Plasmodium vivax</i> heat shock metalloprotease	Sh. Asim Anees Siddiqui All India Institute of Medical Sciences New Delhi
176.	Outcome of HBsAg positive renal transplant recipients	Dr. Durga Shankar Army Hospital (Research & Referral) New Delhi



Sl. No.	Title of the Project	Name of the Fellow/Institute
177.	Interplay of the coronary risk agents in pediatric group of young parents affected with coronary artery disease (CAD)	Smt. Vibha Pagare G.B. Pant Hospital New Delhi
178.	Production of bioactive gonadotropin by insect cell using baculovirus expression vector system	Km. V. Pooja Jamia Hamdard (Hamdard University) New Delhi
179.	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
180.	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
181.	Effect of low level 2.45 and 16.5 GHz radiation on developing rats brain	Sh. R. Paulraj Jawaharlal Nehru University New Delhi
182.	Effects of arsenic on cell growth and development of <i>Dictyostelium discoideum</i>	Dr. Sampati Mukhopadhyay Jawaharlal Nehru University New Delhi
183.	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
184.	Evaluation of the modulatory effects of some common dietary constituents on radiation induced damage	Dr. Ashu Bhan Tiku Jawaharlal Nehru University New Delhi
185.	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
186.	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
187.	Assessment of the probiotic potential of pediocin producing natural isolates of <i>Pediococcus</i> Sps	Smt. Baljinder Kaur Punjabi University Patiala
188.	Biochemical variation among hill peoples of Lahaul-Spiti and Kulu districts of North Himachal Pradesh	Km. Rupinder Kaur Bansal Punjabi University Patiala



Sl. No.	Title of the Project	Name of the Fellow/Institute
189.	Molecular diagnosis of chronic myeloid leukemia and its relevance to clinical management	Dr. Anshuman Chaturvedi Armed Forces Medical College and Command Hospital Pune
190.	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
191.	Osmotically regulated multi-drug oral delivery systems development and characterization	Sh. D. Prabakaran Dr.Hari Singh Gour Vishwavidyalaya Sagar
192.	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
193.	Effect of coadministration of cyanoglycosides isolated from Cassava and alcohol on experimental animals	Km. R.G. Boby University of Kerala Thiruvananthapuram
194.	Studies on monocyte-macrophage differentiation	Km. A. Radhika University of Kerala Thiruvananthapuram
195.	Biodemography and longevity among tribal populations of Kerala	Dr. T. Parvathi Kumara Reddy Sri Venkateswara University Tirupati
196.	Evaluation of biochemical changes of bile juice under the influence of a compound indigenous drug in biliary stone diseases	Dr. Pankaj Srivastava Institute of Medical Sciences Banaras Hindu University Varanasi
197.	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
198.	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. 206.00 Lakhs

