



जवाहरलाल नेहरू विश्वविद्यालय
JAWAHARLAL NEHRU UNIVERSITY
जीवन विज्ञान संस्थान
SCHOOL OF LIFE SCIENCES

M.Phil Degrees awarded from 1974 to till date

| Sl. No. | Name of the Student | Title of M.Phil. Dissertation | Date of Award | Name of the Supervisor |
|--------------------|--------------------------------|--|--------------------------|-------------------------------|
| 1. | R. Balachandran | Modification of the gamma ray induced chromosomal lesion by caffeine and cysteine in <i>Vicia faba</i> | 14.01.1974 | Dr. P.C. Kesavan |
| 2. | Neera Bhalla | Studies in isolation and fusion of protoplasts | 14.01.1974 | Dr. S.G. Mukherjee |
| 3. | Alok Bhattacharya | In vitro activation of glucose oxidase by light | 14.01.1974 | Dr. G.S. Singhal |
| 4. | Veena Goswami | Assessment of the changes in the radio-response <i>Drosophila melanogaster</i> fed on caffeine cysteine and casein hydrozylate | 14.01.1974 | Dr. P.C. Kesavan |
| 5. | Sri Mohan Jain | Studies on the effect of light on peroxidase isozyme | 14.01.1974 | Dr. S.G. Mukherjee |
| 6. | Anwar Mohsin | A Preliminary evaluation of <i>Musca domestica</i> nebulofalar for fundamental and applied research in radiobiology | 14.01.1974 | Dr. P.C. Kesavan |
| 7. | G.S. Sreedharan Kartha | Modulation of cell interaction in sponges | 14.1.1974 | Prof. Sivatosh Mookerjee |
| 8. | Rita Mukhopadhyay | Therman and spectral characterisation of some sample of deoxyribonucleic acid | 14.1.1974 | Dr. K.K. Rohatgi Mukherjee |
| 9. | Poonam Nanda | Photo-induction to sporulation in <i>Macrophomina phaseoli</i> | 14.1.1974 | Dr. G.S. Singhal |
| 10. | M. Periaswamy | UV Effects on <i>Hydra</i> Cells | 14.1.1974 | Prof. Sivatosh Mookerjee |
| 11. | Usha Prasad | Spectroscopic investigation of chlorophyll aggregates in solution | 14.1.1974 | Dr. G.S. Singhal |
| 12. | Arindam Sen | Some electrical properties of thin films of calcium stearate | 14.1.1974 | Dr. G.S. Singhal |
| 13. | P.F.L. Sekvanyagam | Effect of temperature acclination on muscle lactate dehydrogenase activity of heterokneustes fossilis (N) | 14.1.1974 | Dr. Jaweed Ashraf |
| 14. | A. Srinivasan | Biochemical basis of cellular radio-resistance in yeast <i>Saccharomyces cerevisiae</i> | 14.1.1974 | Dr. P.C. Kesavan |
| 15. | Sangita Suri | Hormonal induction of nitrate reductase : Its mechanism | 14.1.1974 | Dr. S.G. Mukherjee |
| 16. | Sunita Talwar | Investigations on the mechanisms of hormonal induction of peroxidases in plant tissues | 14.1.1974 | Dr. S.G. Mukherjee |
| 17. | Chander Kanta Khurana | Electrophoretic study of sponge proteins | 14.1.1974 | Prof. Sivatosh Mookerjee |

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|------------|---------------------------|---|------------------|--------------------------|
| 18. | G. Venugopal | Effects of actinomycin-D on the regenerative properties in Hydra | 14.1.1974 | Prof. Sivatosh Mookerjee |
| 19. | M.C. Sharma | Modification of radiation induced chromosomal damage in allium cepa by pre and post treatments with hydroxyurea | 14.1.1974 | Dr. P.C. Kesavan |
| 20. | S. Vijalakshmi | Standardisation of muscle model techniques and its utilisation in the determination of thermostability of some poikilotherms | 14.1.1974 | Dr. Jaweed Ashraf |
| 21. | Narendra Singh Yadav | Photoinduction of nitrate reductase : its mechanism | 14.1.1974 | Dr. S.G. Mukherjee |
| 22. | Ajit Kumar Seth | Studies on the effect of ultraviolet and gamma radiaion on the photosynthetic effeciency of isolated chloroplass | 21.09.1974 | Dr. G.S. Singhal |
| 23. | G.J.S harma | Post-irradiation modification of damage by hydrogen sulphide, caffeine and N-Ethylmeleimide in Hordeum vulgare | 10.10.1974 | Dr. P.C. Kesavan |
| 24. | V.J. Chari | Adsorption profile of native and irradiated DNA to solid liquid interface | 10.10.1974 | Dr. Anjali Mookerjee |
| 25. | Kalyani G. Menon | Preliminary studies on the physiology of a thermophilic fungus (Torula Thermophilacocney and emerson) | 16.11.1974 | Dr. Jaweed Ashraf |
| 26. | R.P. Sharma | Investigations of the photoregulation of peroxidase in zea mays | 16.11.1974 | Dr. S.K. Sopory |
| 27. | S. Janaki | Studies on the effect of red and farred lights and acetyl choline on the induction of nitrate reductase in lemna paucicostata | 16.11.1974 | Dr. S.K. Sopory |
| 28. | Madhubala Khurana | Nervous system in Hydra vulgaris | 17.12.1974 | Dr. M. Habibulla |
| 29. | Manju Puri (Avinashi) | Deoxyribonucleic acid and protein synthesis during N-Acetyglucosamine kinase induction in Candida albicans | 17.12.1974 | Dr. Asis Datta |
| 30. | Jatinder Kaur | Isolation and biochemical identification of Nerve cells in Hydra vulgaris | 17.12.1974 | Dr. M. Habibulla |
| 31. | Malathi N. Soundarajan | Some cytological aspects of C-Mitosis in Root tips of Allium cepa | 23.12.1974 | Dr. Jaweed Ashraf |
| 32. | Sunil T Samtani | Studies on the binding of 1-Anilino Napthalene-3 sulphonate to some proteins | 04.09.1975 | Dr. G.S. Singhal |
| 33. | Bharati Sarker | Effect of culture temperature on the puffing pattern of salivary gland chromosomes of Drosophila melanogaster | 20.09.1975 | Dr. Jaweed Ashraf |
| 34. | Jyoti Choudhary | Effects of Hormones on leucine aminotransferase in pea (Pisum sativum) | 01.08.1974 | Dr. S.K. Sopory |
| 35. | P. Vijayan | Absorotion spectra of chloroplast suspensions : A comparative study of some simple techniques | 28.11.1975 | Dr. G.S. Singhal |
| 36. | Chitrita Guha | Effect of metal salt on the transcription and translation in Escherichia coli | 28.11.1975 | Dr. Anjali Mookerjee |
| 37. | Jey Mohan Josheph | Some aspects of regeneration in the ciliate spirostonum ambigu | 27.12.1976 | Prof. Sivatosh Mookerjee |

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|---------|---------------------------|--|---------------|-------------------------|
| 38. | Hema Krishnan | Effect of irradiated foods on the development of brain in malnourished mammals (Holtzman strain rats) | 15.05.1976 | Dr. M. Habibulla |
| 39. | D.C. Upadhyaya | Biochemical and functional aspects involved in metamorphosis of central nervous system of insects (effect of farnesal on the metamorphosis of central nervous system of Periplaneta americana) | 15.05.1976 | Dr. M. Habibulla |
| 40. | Veena Kaul | Cytological effects of caffeine on root tip cells of Allium cepa | 19.06.1976 | Dr. Jaweed Ashraf |
| 41. | Azre Gaisar Naqvi | Cytological effects of cobaltous chloride on root tip cells of Allium cepa | 19.06.1976 | Dr. Jaweed Ashraf |
| 42. | Deepak Talwar | Effects of Artificial magnetic field on the cells of Allium cepa root tips | 19.06.1976 | Dr. Jaweed Ashraf |
| 43. | Bal Raj Singh | Enzymatic phosphorylation on N-acetyl glucosamine in yeast cells | 05.04.1976 | Dr. Asis Datta |
| 44. | Monica Riswas | Studies on protein turnover in yeast cells | 05.04.1976 | Dr. Asis Datta |
| 45. | S.M. Javed Afzal | Dependence of chemical radioprotection on the stability of radiation induced oxygen sensitive sites in metabolizing barley seeds | 30.03.1976 | Dr. P.C. Kesavan |
| 46. | S.K. Abraham | Studies on the assessment of cytotoxicity and mutagenicity of certain condiments | 30.03.1976 | Dr. P.C. Kesavan |
| 47. | Uttam Kumar S Badge | Influence of nutrients on the growth and physiology of blue green algae and coliform bacteria (in a closed lake water) | 18.01.1979 | Dr. Ajit Varma |
| 48. | A.S.N. Murthy | Regulation of the urea cycle enzyme, arginase in rat brain | 18.01.1979 | Dr. N.Z. Baquer |
| 49. | Syed Shahabuddin | Effects of arec dine on tumor | 09.03.1979 | Dr. A.R. Rao |
| 50. | Neeraj Datta | Studies on the regulations of nitrate reductase by ammonium and growth hormones in wheat (<i>Triticum aestivum</i>) | 09.03.1979 | Dr. S.K. Sopory |
| 51. | L. Vijaya Mohan Rao | Phytochrome mediated nitrate reductase regulation in zea mays | 17.03.1979 | Dr. S.G. Mukherjee |
| 52. | Muzaffar Ahmed Khan | Mitochondrial Biogenesis in germinating barley embryos : DNA synthesis in relation to nuclear cell cycle and analysis of mitochondrial proteins | 09.02.1979 | Dr. Kailash C Upadhyaya |
| 53. | Suresh Inder Singh Rattan | Pattern of RNA synthesis in a mutant Hydra DMS | 03.03.1979 | Dr. Sivatosh Mookerjee |
| 54. | Aparna Dixit | Effect of ascorbic acid and dimethylbenz (a) anthracene on certain lysosomal enzymes and normal and partially hepatectomized mouse liver | 03.05.1979 | Dr. A.R. Rao |
| 55. | K. Manohara | Hormonal influence on oocytic depletion induced by 2,12-dimethyl Benzantracene (DMBA) | 03.05.1979 | Dr. A.R. Rao |

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|------------|---------------------------|---|------------------|--|
| 56. | O. Ramaswamy | Role of light on the regulation of nitrate reductase in wheat (<i>Triticum aestivum</i>) | 26.05.1979 | Dr. S.K. Sopory |
| 57. | Madhavi Ratnam Prakash | Effect of drugs on the activity of 4-aminobutyrate : 2-oxoglutarate aminotransferase (GABA) in rat brain | 18.08.1979 | Dr. N.Z. Baquer |
| 58. | Surendranath Nayak | RNA synthesis during sporostomun regeneration | 02.08.1978 | Prof. Sivatosh Mookerjee |
| 59. | Animesh Ray | Studies on regulation of nitrate reductase induction in germinating rice embryos | 07.09.1979 | Prof. S.G. Mukherjee |
| 60. | P. Vasantha | Photobiology of vision : Electro-retinogram studies of insect eyes | 26.09.1979 | Dr. P. Mohanty and Dr. M. Amin |
| 61. | V. Ramalingam | Modulation of membrane fluidity by sterols and its significance in organised adaptation to varying temperatures | 17.11.1979 | Dr. M. Amin |
| 62. | V.K. Rajasekhar | Studies on the regulation of peroxidase activity during early germination of wheat | 13.12.1979 | Dr. S.K. Sopory |
| 63. | W.N. Gade | Studies in the physiology of C-mitosis ; Protecting effect of mannitol | 21.12.1979 | Dr. Jaweed Ashraf |
| 64. | Neel Kamal Prasad | Analysis of the surface charges in dissociated sponge cells | 03.03.1980 | Prof. Sivatosh Mookerjee |
| 65. | Shobha Gunnery | Effect of UV irradiation on some membrane | 04.03.1980 | Dr. S. Chatterjee |
| 66. | Rama Shanker Varma | Studies on the subcellular distribution of DDT in the brains of cockroach <i>Periplanata americana</i> and the rat | 22.03.1980 | Dr. M. Habibulla |
| 67. | Shailja Khare | Radiation effects on membrane functions in <i>Candida albicans</i> | 09.04.1980 | Prof. P.C. Kesavan and Dr. Rajendra Prasad |
| 68. | Deodutta Roy | Effects of lipofuscinolytic agents on some enzymes of the brain the ageing rat | 06.05.1980 | Dr. Rameshwar Singh |
| 69. | Gaiti Hasan | Translational control in yeast | 28.06.1980 | Prof. Asis Datta |
| 70. | Anjali Lal | Studies on glutamine synthetase in the prokaryotic blue green alga <i>Spirulina platensis</i> | 04.09.1980 | Dr. A.K. Varma |
| 71. | Ashok Kumar Maurya | Effect of anticonvulsant drug (DPH) on sister chromatid exchange frequency in human peripheral blood lymphocytes | 04.09.1980 | Dr. Shobha Goyle |
| 72. | Nand Kishore Sah | Studies on biochemical vis-à-vis physiochemical aspects of chemical radioprotection | 12.09.1980 | Prof. P.C. Kesavan |
| 73. | Jai Prakash | Studies on conformational changes in chloroplast coupling factor I (CFI) using chemical modifiers mechanism of photophosphorylation | 13.10.1980 | Prof. G.S. Singhal |

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|--------------------|--------------------------------|---|--------------------------|---|
| 74. | Pratima Nangia | Head and foot message in the Isolates of Hydra | 11.05.1981 | Prof. Sivatosh Mookerjee and Dr. K.C. Upadhyaya |
| 75. | K. Manoharan | Chomatographic characterization of Polar-lipids of Pisum sativum L. var. Bonneville | 26.05.1981 | Dr. Rajendra Prasad and Prof. S.G. Mukherjee |
| 76. | Gagan Behari Panigrahi | Effects of arecoline of mammalian somatic chromosome | 26.05.1981 | Dr. A.R. Rao and Dr. S. Chatterjee |
| 77. | Bhavanath Jha | Radiosensitivity of polyploids; Assessment of the magnitude of the oxic and anoxic components of radiation damage at different ploidal levels | 10.08.1991 | |
| 78. | Rabindra Kumar Prusti | Biology of spirostorum; Macro-molecular synthesis and their modulation | 31.10.1981 | Prof. Sivatosh Mookerjee and Dr. Prasanna Mohanty |
| 79. | Md. Ejaz Hussain | Electroretinogram studies of Insect Eye; Sensitivity as a function of light intensity | 01.12.1981 | Dr. M. Amin |
| 80. | Megono liegise | Studies on the induced cell adhesion and fusion | 01.12.1981 | Dr. S. Chatterjee |
| 81. | Gokul Das M. | Effect of carcinogen on arginse-An enzyme associated with the regulation of polyamine levels in rat liver | 01.12.1981 | Dr. A. Ramesh Rao |
| 82. | Balram Singh | Assessment of effects of gamma rays on certain physiological aspect of unicellular alga Chlamydomonas reinnerdii | 16.11.1981 | Dr. P.C. Kesavan and Dr. P.K. Mohanty |
| 83. | B.K. Sham Kumar | To study the effects of some salts of divalent metals on the behavioural response of flies | 02.02.1982 | Dr. M. Amin |
| 84. | Arun Kumar Sharma | Regulations of nitrite reductase by phytochrome in maize | 13.07.1982 | Dr. S.K. Sopory |
| 85. | Bal Ram Singh | Dependence of spectroscopic characteristics of photosynthetic pigments on the organisation of chloroplast membrane | 06.09.1982 | Dr.G.S. Singhal |
| 86. | Pratima Ray | Analysis of cell surface cortex during cilia regeneration | 13.09.1982 | Dr. S. Chatterjee |
| 87. | Umesh Kumar | DNA synthesis in Hydra | 29.09.1982 | Prof. Sivatosh Mookerjee |
| 88. | Mohammad Nehal | Some aspects of cell fusion studied mediated by polyethylene glycol | 29.09.1982 | Dr. S. Chatterjee |
| 89. | Deena Nath Pathak | A study of the changes of some GABA metabolic enzymes in cobalt and iron experimental epilepsies | 29.09.1982 | Dr. Rameshwar Singh |
| 90. | Niranjan Padhy | Light induced ionic fluxes and potential differences across cell membranes | 10.12.1982 | Dr. Jaweed Ashraf |
| 91. | Mariana Irri | Effect of chlorpromazine and dimethylaminoethanol on acetylcholinesterase in regions of the rat brain of different age groups | 26.11.1982 | Dr. Rameshwar Singh |
| 92. | R. Senthamil Selvan | Influence of BHA A flood additive on oocytic depletion induced by 13 MBA (a carcinogen) in mice | 29.01.1983 | Dr. A. Ramesha Rao |

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|--------------------|--------------------------------|---|--------------------------|---|
| 93. | Swati Sucharita | Dynamics of water loss under conditions of PEG-induced drought in case of different varieties of wheat | 22.01.1983 | Dr. Jaweed Ashraf |
| 94. | Aradhana | Growth metabolism of chick skeletal muscle under normal, degenerated and work over load condition | 30.03.1983 | Dr. Shobha Goyle |
| 95. | S. Karuna Rani | The effect of temperature on the compound action potential of the sciatic nerve of frog | 30.03.1983 | Dr. Rameshwar Singh and Dr. M. Amin |
| 96. | B. Raghu | Studies on isolation and identification of pathogenic bacteria in Jamuna sewage sludge and assessment of their radiosensitivity | 20.04.1983 | Prof. P.C. Kesavan |
| 97. | Prashant Mishra | Lipid composition of adipose tissue in human progressive muscular dystrophy | 15.09.1983 | Dr. Shobha Goyle |
| 98. | Asangia Ao | Morphogenetic regionally in spirostomum | 27.10.1983 | Prof. Sivatosh Mookerjee |
| 99. | Kapil deo Narayan Singh | Interaction of herbicides with pea chloroplasts | 10.11.1983 | Prof. G.S. Singhal |
| 100. | Naba Kishore Das | Action of chloropormazine on lower eucaryotic cells | 30.01.1984 | Dr. S. Chatterjee |
| 101. | Ujjwal Kumar Rout | Mutagenic potential of anticonvulsant drugs on human peripheral blood lymphocytes | 06.03.1984 | Dr. Shobha Goyle |
| 102. | J.R. Radhamani | Effects of UV and blue light on nitrate reductase in germinating barley embryos | 13.03.1984 | Prof. S.G. Mukherjee |
| 103. | D. Karunakara Rao | Studies on nitrite reducatse in the highly proteinaceous blue green algae Spirulina platensis | 13.05.1984 | Dr. A.K. Varma |
| 104. | Jitendra Singh | Calmodulin activity during the cell cycle of tetrahymena | 04.12.1984 | Dr. S. Chatterjee |
| 105. | M.V.R. Kumari | Assessment of genotoxic effects of certain environmental chemicals by in vivo micro nucleus assay | 26.04.1985 | Dr. A. Ramesha Rao |
| 106. | Abha Agnihotri | Evaluation of radiation response modifying influence of camphore in mammalian cells in vivo | 13.05.1985 | Dr. A. Ramesha Rao and Prof. G.S. Singhal |
| 107. | S.R. Sonone | Effect of the drug imipramine on enzymes of rat brain | 22.08.1985 | Prof. N.Z. Baquer |
| 108. | Anjana Raina | Regulation of protein synthesis in plant embryo by protein phosphorlation | 06.08.1986 | Prof. Asis Datta |
| 109. | Ram Kishore | Cloning and Characterisation of repeated DNA sequence form plant genomes | 14.08.1986 | Dr. K.C. Upadhyaya |
| 110. | A.S. Lakshmi | Studies on transfer of foreign DNA in plant cells | 7.9.1986 | Prof. S.G. Mukherjee |

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|--------------------|--------------------------------|--|--------------------------|---------------------------------------|
| 111. | D. Samuel | Effect of radiation on cellular function; Study on calcium uptake | 22.09.1986 | Dr. R.K. Kale |
| 112. | P.S. Maruthi Sai | Studies on the effect of penicillin on the growth of the cyanobacterium <i>spirulina platensis</i> | 29.09.1986 | Dr. A.K. Varma and Dr. K.C. Upadhyaya |
| 113. | R.K. Misra | Study of fusion of lipid microvesicles in presence of calcium | 12.01.1987 | Prof. G.S. Singhal |
| 114. | S.D.S. Murthy | Studies on the bioenergetics process of cyanobacterial cells | 22.04.1987 | Prof. Prasanna Mohanty |
| 115. | Dev Ratna Shukla | Comparative Studies of properties of chloroplast membrane during development with blue and red light | 28.04.1987 | Prof. G.S. Singhal |
| 116. | I.S. Sood | Involvement of phospholipids in the regulation of amino acid transport in yeast | 21.08.1987 | Prof. Rajendra Prasad |
| 117. | Sagarika Mishra | Interaction of herbicides with the cyanobacteria <i>Anacystis nidulans</i> | 04.04.1988 | Prof. G.S. Singhal |
| 118. | Noor Alam | Study of the differential role of medial and lateral preoptic area on moving rats by using anaesthetic agent | 21.09.1988 | Dr. B.N. Mallick |
| 119. | P. Karunakar | Comparative study on AMP deaminase in the extracts of liver of frog and rat | 19.11.1988 | Prof. M. Habibulla |
| 120. | Kolli Bala Krishna | Immobilization of cellulolytic bacterium (a) | 19.11.1988 | Dr. A.K. Varma |
| 121. | Sadhyा L Sitasawad | Radiation induced lipid peroxidation in liposomes | 16.01.1989 | Dr. R.K. Kale |
| 122. | Haru Raim Rao | Studies on aluminium toxicity analysis of growth characteristics of red alga <i>cyanidium caldarium</i> | 30.08.1989 | Prof. Jaweed Ashraf |
| 123. | R. Gayatri | Analysis of early development in <i>Dictyostelium discoideum</i> | 10.11.1989 | Dr. S.G. Mukherjee |
| 124. | Zeba Faroozui | Studies on the caffeine effect on the bone narrow chromosome of irradiated and unirradiated mice | 10.11.1989 | Prof. P.C. Kesavan |
| 125. | Rajiv Varshney | Radiation induced lipid peroxidation and its modification by calmodulin antagonists | 18.12.1989 | Dr. R.K. Kale |
| 126. | Jitender Goyal | Transducer function of G. protein in receptor mediated EC coupling in the gastronemes muscle of fro <i>Rana hexadactyla</i> | 09.03.1990 | Prof. M. Habibulla |
| 127. | Shabhara | Characterization of a thermetolerant mutant of wheat (<i>Triticum aestivum</i> D.G. WH147) | 30.04.1990 | Prof. Prasanna Mohanty |
| 128. | Praveen Kumar Garg | Characterization of changes induced in phycobilisome during adaptation to high temperature in phormidium of <i>fivelarum</i> | 07.06.1990 | Prof. Prasanna Mohanty |

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|------------|------------------------|--|------------------|------------------------|
| 129. | Kanta Rani | Age related changes in rat brain thalamus : correlation between lipid multiple unit activity and lipofuscin accumulation | 09.08.1990 | Prof. Rameshwar Singh |
| 130. | Shiba Prakash N. | Physiological and biochemical studies on salt tolerance pigeon pea (<i>Cajanus Cajan L.</i>) | 14.12.1990 | Dr. Neera Bhalla Sarin |
| 131. | M.S. Manohara | Immunological studies on 8.3 Kda protein (Pst gene product) present in photosystem | 14.12.1990 | Dr. Neera B. Sarin |
| 132. | Anup Kumar Biswas | Ethnobotanical studies of Sandeshkali Blocks of the Sundarbans | 23.01.1991 | Prof. Jaweed Ashraf |
| 133. | Anju Gupta | Modulatory influence of certain medicinal plants and species on xenobiotic activity and detoxify enzymes in the liver of mouse | 30.9.1991 | Prof. A.R. Rao |
| 134. | Ranjana Sharma | Studies on sub-cellular partitioning and regulation of DAHP synthase and chorismate mutase in Brassica species | 17.01.1991 | Dr. Neera B . Sarin |
| 135. | Rakesh Kumar | Ethnobotanical studies in the Lahaul Region of Himachal Pradesh | 30.03.1992 | Prof. Jaweed Ashraf |
| 136. | Bhanusingha Ghosh | Effect of Light pulses and different lighting regimen on the circadian system of cockroach (<i>Periplaneta Americana</i>) | 09.07.1992 | Prof. M. Habibulla |
| 137. | Mr. Salimuddin | Expression of phenylalanine ammonia lyase (PAL) gene : generation of the constraints with 5' upstream region | 17.12.1992 | Prof. K.C. Upadhyaya |
| 138. | Ajay Kumar Gupta | Ethnobotanical studies in the Nainital District of U. Pradesh | 26.04.1992 | Prof. Jaweed Ashraf |
| 139. | Lata Govind Ram Israni | Studies on ESR signal in relation to the magnitude of Post Irradiation oxygen effect of barley seeds | 24.10.1993 | Prof. P.C. Kesavan |
| 140. | Vidyadhar Pandey | Some physiological and biochemical changes associated with the adaptation of <i>Helianthus annus L.</i> cv. Modern to salt (NaCl) stress | 08.11.1993 | Prof. P.K. Mohanty |
| 141. | Melvi Martin Joseph M | Medical preoptic area cholinergic influence on sleep wake fulness and body temperature | 24.11.1993 | Dr. B.N. Mallick |
| 142. | Archana Bist | Ethnobotanical studies in the (Pausi) garhwal district of the himalayas of Uttar Pradesh | 20.02.1994 | Prof. Jaweed Ashraf |
| 143. | Herender Kumar | Detection and characterization of entamoeba histolytica among Primate especially monkeys, apes | 07.04.1994 | Prof. A. Bhattacharya |
| 144. | Indira Shukla | Investigations on the mechanisms of salt tolerance using <i>Arachis hypogaea L</i> cultures | 21.07.1994 | Dr. Neera Bhalla Sarin |
| 145. | Mohd. Abu Askar | Changes in NADH oxidase activity experimental diabetes | 19.12.1994 | Prof. N.Z. Baquer |
| 146. | Mr. Bhagwan Das | Polyamine Biosynthetic pathway in Plasmodium Falciparum infected erythrocytes | 19.12.1994 | Dr. R. Madhubala |

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|---------|----------------------------|--|---------------|-------------------------|
| 147. | Mr. Ravindra Kumar Mann | Induction of M3 endo reduplicated chromosomes in Cultural cells. | 11.01.1995 | Dr. R.N.K. Bamezai |
| 148. | Mr. D.V. Raj Kumar | Mutagenic risk in epileptics on anticonvulsants. | 20.01.1995 | Prof. Shobha Goyle |
| 149. | Mr. Praveen Singh | Studies on acid proteinase related gene from candida albicans. | 22.02.1995 | Prof. Asis Datta |
| 150. | Mr. Indranil De | Molecular cloning and characterization of a tissue specific Dnase I resistant chromatin DNA Fragment from rat Skeletal muscle. | 15.03.1996 | Dr. P.C. Rath |
| 151. | Ms. Kaushik Praveen | Salt stess (NaCl) induced changes on the D1, D2 proteins and their transcripts psbA, psbD-c, in wheats. | 07.07.1996 | Prof. G.S. Singhal |
| 152. | Mr. Potluri Prasanth | Structural and functional changes in the thylakoid membrances of wheat (<i>triticum aestivum</i> , HD2329) by meltaflurozon (SAN 6703) treatment. | 13.10.1996 | Prof. G.S. Singhal |
| 153. | Mr. Yerramsetti Gurumurthy | Effect of a carbonate pesticide on endocytotic functions in <i>Dictyostelium discoideum</i> . | 13.03.1997 | Prof. Samar Chatterjee |
| 154. | Ms. Binuja Verma | The study of deletions and polymorphisms in the dytrophin gene. | 21.10.1997 | Prof. Shobha Goyle |
| 155. | Mr. R. Jaya Prakash | Effect of Vanadate and Insulin on Lipid Profiles and Lipogenic Enzymes in Liver during Experimental Diabetes. | 08.12.1997 | Prof. N.Z. Baquer |
| 156. | Mr. Akhilesh Kumar | Studies on induced adenylate cyclase activation on growth of the Cellular slime mould <i>Dictyostelium discoideum</i> . | 07.11.1997 | Prof. Samar Chatterjee |
| 157. | Mr. Suresh Kumar P.V. | Modulatory influence of certain edible and medicinal plants on hepatic detoxification system and antioxidant defence mechanism in mice. | 1997 | Prof. A. Ramesha Rao |
| 158. | Ms. Amita Joshi | Computational Analysis of <i>Entamoeba histolytica</i> Genome. | 03.07.1998 | Prof. Alok Bhattacharya |
| 159. | Mr. Ankoor Roy | Immobilization of <i>Piriformospora Indica</i> . | 06.09.1999 | Prof. A.K. Varma |
| 160. | Mr. Shailendra Kumar | Characterization of <i>Piriformospora Indica</i> , a Mycorrhiza-like-Fungus. | 31.10.2000 | Prof. A.K. Varma |
| 161. | Ms. Anjali Agrawal | Radiomodulation of Enzymes Involved in the Metabolism of Reactive Oxygen Species in Tumor Cells. | 17.10.2000 | Dr. R.K. Kale |
| 162. | Mr. Gireesh A. | Construction and expression screening of cDNA library of <i>Mycobacterium</i> . | 20.02.2001 | Prof. P.K. Yadava |
| 163. | Ms. Vibha Rani | Comparative Profile of Transcription Factor Binding Activities in Various tissues of Developing chick Emryo. | 12.06.2001 | |
| 164. | Mr. Manoj Kumar | Isolation and Characterization of retroelements from chicpea genome (<i>Cicer arietinum</i>). | 27.10.2003 | Prof. K.C. Upadhyaya |
| 165. | Ms. Bimala Singh | A study of Cancer Chemopreventive Potential of Certain Indian Medicinal Plants | 10.11.2003 | Prof. R.K.Kale |

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| 166. | Mr. Vikas Yadav | Characterization of Phosphate Transport and Related Enzymes in Symbiotic Fungus <i>Piriformospora indica</i> | 25.11.2003 | Prof. Ajit K. Varma |
| 167. | Mr. Krishna Prakash | Expression of recombinant interferon regulatory Factor -2(IRF-2) | 28.01.2004 | Dr. P.C.Rath |
| 168. | Mr. Md Kamal Akhtar | Expression Profile and activity of PK-M2 isoenzyme in growing lymphocytes <i>in vitro</i> | 27.04.2004 | Prof. R.N.K. Bamezai |
| 169. | Mr. Rahul Dev P. Malage | Characterization of MCF7 cell line with STS markers located on chromosome 16 and 17 p and q arms | 16.08.2004 | Prof. R.N.K. Bamezai |
| 170. | Mr. Satpal | Impact of Salinity stress on chloroplast Biogenesis and the Greening process | 20.10.2004 | Prof. B.C. Tripathy |
| 171. | Ms. Chhavi Chikara | Impact of Temperature stress on chloroplast Biogenesis and the Photosynthetic Process. | 20.10.2004 | Prof. B.C. Tripathy |
| 172. | Mr. Amar Jyoti | Neuroprotective Role of Bocopa Extract Against Aluminium Induced oxidative stress on Different Brain Regions of Male wistar Rats | 08.11.2004 | Dr.Deepak Sharma |
| 173. | Shri Vijaya Kumar Nalla | “Molecular Cloning and characterization of N-acetyl Glucosmaine inducible serine/Theomine/Tyrosine Protein Kinase, Ca RPK-1 in candida albicans” | 08.04.2005 | Prof. Asis Datta and Prof. Alok Bhattacharya |
| 174. | Shri Kongara Hanumantha Rao | “Expression of HXK1, N-acetyl glucosamine Kinase in candida albicans” | 08.04.2005 | Prof. Asis Datta and Prof. Alok Bhattacharya |
| 175. | Mr. Ratnakaran | Construction of Various RNAi and Antisense Cassettes for Raising “Loss of Function” Mutants for Hybrid Type Histidine Kinase in <i>Oryza sativa</i> L. | 23.03.2006 | Dr. Ashwani Pareek |
| 176. | Mr. Antresh Kumar | Purification and Characterization of C-terminal Nucleotide binding domain (NBD) of Cdrlp; a Multidrug ABC transporter of <i>Candida albicans</i> . | 04.04.2006 | Dr. S. Gourinath, Prof. R. Prasad & Prof. R. Madhubala (Co-supervisor) |
| 177. | Mr. Rajneesh Singhal | Effect of salt stress on chloroplast protein import. | 17.04.2006 | Prof. B.C. Tripathy |
| 178. | Mr. Gautam Kumar | A Variation Study of Salinity Stress Response at Physiological and Molecular Level Among Low and High Chromosome <i>Brassica</i> Species. | 24.08.2006 | Dr. Ashwani Pareek |
| 179. | Mr. Chanchal Kumar | Selection and Characterization of Ca^{2+} Binding RNA Aptamers. | 08.01.2007 | Prof. P.K. Yadava |
| 180. | Ms. Namrata Kharbash | Chlorophyll metabolism during rice (<i>Oriza sativa</i>) leaf senescence. | 17.01.2007 | Prof. B.C. Tripathy |
| 181. | Mr. Macmillan Nongkhlaw | Functional Characterization of the helicase domains of Active DNA-Dependent ATPase A Domain. | 07.02.2007 | Dr. R. Muthuswami |
| 182. | Mr. Tariq Ahmad Bhat | Cloning Expression and Characterization of Different Isoforms of p53. | 12.02.2007 | Dr. Neelima Mondal |
| 183. | Mr. Raghunath Mandal | Expression and cloning of GlcNAc inducible protein kinases in <i>Candida albicans</i> . | 13.02.2007 | Dr. K. Natarajan & Prof. Asis Datta (Retd.) |

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| 184. | Mr. Pardeep Kumar | Effect of DHEA on Membrane-linked Functions in Aging rats. | 26.11.2007 | Dr. Deepak Sharma & Prof. R.K. Kale (Jt. Supervisor) |
| 185. | Mr. Ravi Verma | Association of NOD genes and bacterial Flora with inflammatory bowel disease. | 31.10.2007 | Dr. Jaishree Paul |
| 186. | Mr. Rishikesh Kumar | Role of Polyamines in the Regulation of the Development and Differentiation Programme in <i>Dictyostelium Discoideum</i> . | 12.11.2007 | Dr. Shweta Saran |
| 187. | Mr. Pynskhem Bok Swer | Induction of Autophagy by Rapamycin in <i>Dictyostelium Discoideum</i> . | 12.11.2007 | Dr. Shweta Saran |
| 188. | Ms. Aarzoo Kausar | Molecular Cloning and Characterization of Ribonuclease III of <i>Candida Albicans</i> . | 12.11.2007 | Dr. Supriya Chakraborty |
| 189. | Mr. Deepak Kumar Arya | Invasiveness of Group A <i>Streptococcus</i> and In-viro Immune Response of Host Under different Physiological Conditins. | 26.12.2007 | Dr. A.K. Johri |
| 190. | Mr. Manoj Kumar | Interaction of endophytic fungus <i>Piriformospora Indica</i> with plant and its role in regulation of plant defense response | 09.01.2008 | Dr. A.K. Johri |
| 191. | Mr. Kumar Sandeep | Computational and expression analysis of RNaseL. | 28.03.2008 | Dr. P.C. Rath |
| 192. | Mr. Naveen Kumar Singhal | Preparation and characterization of Nanoparticles as Non-viral Vector for Gene/Drug Delivery | 22.04.2009 | Dr. Atul Kr. Johri |
| 193. | Mr. Arun Vincent Kisku | Cloning and functional Analysis of Cytosolic Ascrobate Peroxidase (APX) Isolated from <i>Arachis hypogaea</i> in Model Plant Tobacco | 28.10.2009 | Prof. N.B. Sarin |
| 194. | Mr. Vikram Dayaman | Transcriptional profile of selected rice genes during <i>Piriformospora indica</i> -rice plant interation. | 08.03.2010 | Prof. K.C. Upadhyaya |
| 195. | Mr. Mohd. Hussain | Selection and Characterization of Glutathione-binding DNA Aptamers | 18.02.2010 | Prof. P.K. Yadava |
| 196. | Mr. Gautam Kumar Tanti | Role of SG2NA Variants in cell Cycle Regulation | 01.06.2010 | Prof. S.K. Goswami & Dr. Sneha Lata Bhodoria |
| 197. | Mr. Rishabh Charan Choudhary | Role of orexinergic projections from perifornical hypothalamic neurons on locus coeruleus neurons in the regulation of sleep and wakefulness | 23.06.2010 | Prof. B. N. Mallick |
| 198. | Mr. Mohd Hafiz Ahmad | Quantitative detection of a selected group of known and novel miRNAs in a few cancer and normal cells. | 13.07.2010 | Prof. Alok Bhattacharya |
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| 199. | Ms. Noor Chaman | Expression of Human Pyruvate Kinase-M2 in Tobacco Plants | 07.01.2011 | Prof. R.N.K. Bamezai & Prof. K.C. Upadhyay (Jt. Supervisor) |
| 200. | Ms. Vandana Prajapati | Modulatory effects of Silibinin on Arsenic-mediated Biological and Molecular events in Prostate Cancer | 28.03.2011 | Prof. R.K. Kale & Dr. Rana Pratap Singh (Jt. Supervisor) |

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| 201. | Mr. Jitendra Kumar | Characterization of endocytosis in <i>Entamoeba histolytica</i> | 19.04.2011 | Prof. Alok Bhattacharya & Dr. S. Gourinath (Jt. Supervisor) |
| 202. | Mr. Anil Kumar | Role of differentially expressed genes in clinical strains of <i>Candida albicans</i> | 23.05. 2011 | Dr. Sneh Lata Bhadriya |
| 203. | Mr. Navneet Kumar | Chemopreventive Potential of <i>Lagenaria siceraria</i> against skin cancer | 13.06. 2011 | Dr. Ashu Bhan Tiku & Prof. R. K. Kale (Jt. Supervisor) |
| 204. | Ms. S. Rafia | Induction of autophagic cell death by histone deacetylase inhibitors and the role of DdHdaA | 14.11. 2011 | Dr. Shweta Saran |
| 205. | Mr. Naresh Kumar Meena | Prevalence of TLR4 and TPMT gene polymorphisms in ulcerative colitis patients and healthy volunteers of North Indian population | 16.11. 2011 | Prof. Neera Bhalla Sarin |
| 206. | Ms. Abha Kumari | Development of chimeric cytotoxin-coding mRNA contiguous with TEM-binding aptamers | 20.12. 2011 | Prof. P.K. Yadava |
| 207. | Mr. Saquib Mahmood | Study of Stress related Gene Pyramiding in a Model Plant Tobacco | 07.03. 2012 | Prof. Neera Bhalla Sarin |
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| 209. | Mr. Ashish Kumar Singh | Mechanism of Synergistic Interaction among Chilli Infecting Begornoviruses | 25.09. 2012 | Prof. Supriya Chakraborty |
| 210. | Mr. Sudhir Kumar | Structural and Functional Studies of Serine Acetyltransferase(s) | 21.11.2012 | Dr. S. Gourinath |
| 211. | Mr. Ajeet Kumar Singh | Overexpression of Aldose reductase homologue from <i>Xerophyta viscosa</i> in <i>Brassica Juncea</i> for abiotic stress tolerance. | 26.11.2012 | |
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| 213. | Ms. Munazah Fazal Qureshi | Role of Proton pump inhibitor/exchanger in the modulation of sleep-wake architecture in rat | 13.12. 2012 | Dr. Sushil Kumar Jha |
| 214. | Ms. Nilofer Naquvi | A comparison of antigen uptake mechanisms and their regulation in rodent mast cells and macrophage | 13.12. 2012 | Dr. Niti Puri |
| 215. | Mr. Sumit Raj | Identification and Analysis of Phosphate Respective Gene(s) of Root Endophyte Fungus <i>Piriformospora indica</i> | 17.12. 2012 | Dr. Atul Kumar Jha |
| 216. | Mr. Kunwar Somesh Vikramdeo | To assess the effect of doxorubicin in combination with PR3 compounds in cervical cancer cell line. | 21.12. 2012 | Dr. Neelima Mondal |
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| 219. | Ms. Shweta Nim | Functional characterization of Lipid Translocation Exporter (LTE) family of genes in <i>S.Cerevisiae</i> | 09.01.2013 | Dr. Sneh Lata Panwar |
| 220. | Ms. Soni Sharma | Understanding the epigenetic changes in cells transfected with neomycin resistance gene | 30.01.2013 | Dr. Rohini Muthuswai |
| 221. | Ms. Sowjanya Chintada | Establishing a role for the stress-responsive signaling pathways in drug tolerance in <i>Candida albicans</i> | 07.02. 2013 | Dr. Sneh Lata Panwar |
| 222. | Mr. Fayaz Ahmad Mir | Role of the Locus Coeruleus Proton Pump and sodium Hydrogen Exchanger in REM Sleep Modulation in the Rat | 25.10. 2013 | Dr. Sushil Kumar Jha |
| 223. | Ms. Shweta Tripathi | The role of Curcumin in long term preservation of trace memory and modulation of TrkB expression in the rat hippocampus”. | 29.10. 2013 | Dr. Sushil Kumar Jha |
| 224. | Mr. Vineet Sharma | Expression of a long noncoding RNA in rat testis” | 07.11. 2013 | Prof. P.C. Rath |
| 225. | Mr. Sarpras M. | Combinatorial chemopreventive effects of lycopene curcumin and eugenol on multi-organ damage and genotoxicity induced by environmental carcinogens” | 13.11. 2013 | Dr. Suresh K. Abraham |
| 226. | Mr. Om Prakash Narayan | Interaction of root endophytic fungus <i>Piriformospora indica</i> with Chickpea and its role in plant defence response against pathogen <i>Botrytis cinerea</i> | 14.11.2013 | Dr. Atul Kr. Johri & Prof. Deepak Sharma (Joint Supervisor) |
| 227. | Mr. Subhash Chandra Prasad | Investigations on the efficacy of Brhsf3 gene in imparting abiotic stress tolerance in <i>Brassica juncea</i> (Indian Mustard). | 26.11. 2013 | Prof. N.B. Sarin |
| 228. | Mr. Sankhajit Bhattacharjee | “Interaction Measles Virus N and P Protein with Cellular Proteins of MCF7Cells | 20.12.2013 | Prof. P.K. Yadava |
| 229. | Arun Kumar | Study of radioprotective effects of Galangin and its role in modulation of ionizing radiation induced signaling events | 10.01.2014 | Dr. Ashu Bhan Tiku |
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| 231. | Mr. Manjit Kumar Srivastav | Investigating the mechanism of low iron-responsive transcription factors and other novel genes in iron homeostasis regulatory network in <i>candida albicans</i> . | 04.03.2014 | Dr. K. Natrajan |
| 232. | Ms. Pratishtaa | Structural analysis of cannabinoid receptor interactingprotein (CRIP1a) | 22.08.2014 | Prof. S.M. Cowsik |
| 233. | Mr. Anshuman | Functional complementation of <i>GPI2</i> gene (a subunit of GPI GnT complex) in <i>C.albicans</i> and <i>S.cerevisiae</i> | 09.01.2015 | Dr. S.S.Komath |
| 234. | Ms. Arti Rai | Mechanism of reversal of cardiac hypertrophy induced by isoproterenol by <i>Terminalia arjuna</i> | 15.01.2015 | Prof. S.K. Goswami |
| 235. | Mr. Sumit Kr. Gautam | Study of Anticancer Properties of Synthetic Compound(s) on ER-Negative Breast Cancer Cell Line (MDA-MB-231 Cell) | 19.02.2015 | Dr. Neelima Mondal |

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| 236. | Ms. Pooja Sharma | Evaluation of impact of water stress on <i>Brassica juncea</i> L. Over-expressing Protochlorophyllide Oxidoreductase C (POR C) | 05.08.2015 | Prof. B.C Tripathy |
| 237. | Ms. Anita Loha | <i>Piriformospora indica</i> homologue of <i>PHO81</i> gene, a positive regulator of PHO Pathway in <i>Saccharomyces cerevisiae</i> | 12.10.2015 | Prof. Atul Kumar Johri |
| 238. | Mr. Shatrunjai Giri | Cytomorphological changes in CA3 Hippocampal neurons upon rapid eye movement sleep deprivation in rats | 17.11.2015 | Prof. B.N. Mallick |
| 239. | Mr. Sadan Kr. Sharma | Characerization of RSI1/FLD interacting proteins in terms of disease defense | 04.04.2016 | Prof. A.K. Nandi |
| 240. | Mr. Mohit Rajput | The Study of acute and chronic exposure of arsenic on transformation of HaCaT Cells | 09.11.2016 | Prof. R. P. Singh |
| 241. | Ms. Chhaya Yadav | Physiological and molecular characterization on rice response for combined and sequential abiotic stresses | 27.01.2017 | Prof. Ashwani Pareek |
| 242. | Mr. Pankaj Keshari | A Study of the long noncoding RNA from the rat genome in heterologous System | 16.02.2017 | Prof. P.C. Rath |
| 243. | Mr. Pritam Kumar | To investigate the genetic interaction between WW domain-containing protein IFU5 and the hypoxic regulator EFG1 in <i>Candida albicans</i> | 28.08.2020 | Dr. Sneh Lata Panwar |
| 244. | Ms. Paramita Chaudhuri | Study of the effect of homogeneous and heterogeneous seeds during amyloid cross-seeding of proteins | 18.02.2021 | Dr. Karunakar Kar |