

List of MoU executed by CSIR-CDRI, Lucknow during 2004-2022

| Sl. No. | Project Title | Party | Date of signing |
|----------------|---|--|------------------------|
| 1. | To promote institutional linkage between CSIR-CDRI and YDU and to explore other avenues for possible collaboration. | Yenepoya (Deemed to be University), Mangalore | 22-07-2022 |
| 2. | To promote institutional linkage between CSIR-CDRI and SRMIST and to explore other avenues for possible collaboration. | SRM Institute of Science and Technology, Tamil Nadu | 03-06-2022 |
| 3. | To promote institutional linkage between CSIR-CDRI and IISc and to explore other avenues for possible collaboration. | Indian Institute of Science, Bengaluru | 25-05-2022 |
| 4. | To explore for possible collaborative research programs in specific fields of interest | IIT, Goa | 04-04-2022 |
| 5. | To promote institutional linkage between CSIR-CDRI and NBU to explore for possible collaborative research programs in specific fields of interest. | University of North Bengal, West Bengal | 17-02-2022 |
| 6. | To explore for possible collaborative research programs in specific fields of interest | Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur | 21-01-2022 |
| 7. | To explore for possible collaborative research programs in specific fields of interest | BDLE(Deemed to be University), Vijayapura Karnataka | 17-01-2022 |
| 8. | To explore for possible collaborative research programs in specific fields of interest. | Indira Gandhi National Tribal University, Amarkantak | 03-12-2021 |
| 9. | Delineate molecular mechanism in development of chemo-resistance in non-Hodgkin's lymphoma. | AIIMS, Rishikesh | 22-10-2021 |
| 10. | Testing identified drugs or its formulations for its Preclinical Efficacy Against Tuberculosis. | ICMR-National JALMA Institute for Leprosy and Other Mycobacterial Diseases, Agra | 18-11-2021 |
| 11. | To promote institutional linkage between CSIR-CDRI and University of Kerala to explore for possible collaborative research programs in specific fields of interest. | University of Kerala, Thiruvanthapuram | 14-10-2021 |
| 12. | Collaborative Research & Development activities in the area of mutual interest | International Centre for Genetic Engineering and Biotechnology, New Delhi | 06-08-2021 |
| 13. | To promote institutional linkage between CSIR-CDRI and NIPER, Guwahati to | NIPER, Guwahati | 03-08-2021 |

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| | explore other avenues for possible collaborative research programs in specific fields of interest | | |
| 14. | To promote institutional linkage between CSIR-CDRI and IISER, Pune to explore for possible collaborative research programs in specific fields of interest. | IISER, Pune | 14-07-2021 |
| 15. | To promote institutional linkage between CSIR-CDRI and CBPBU, Cooch Behar to explore for possible collaborative research programs in specific fields of interest. | Cooch Behar Panchanan Barma University (CBPBU), Cooch Behar | 03-06-2021 |
| 16. | CSIR-CDRI and Reliance Rasayan Pvt. Ltd, Ahmedabad for sharing common understanding about the repurposing & possible use of Almitrine and Ifenprodil for the management of Covid-19 | Reliance Rasayan Pvt Ltd., Ahmedabad | 20-05-2021 |
| 17. | To promote institutional linkage between CSIR-CDRI and NIPER, Hyderabad to explore other avenues for possible collaborative research programs in specific fields of interest. | NIPER, Hyderabad | 05-01-2021 |
| 18. | To promote institutional linkage between CSIR-CDRI and University of Mysore to explore other avenues for possible collaborative research programs in specific fields of interest. | University of Mysore, Mysuru | 23-12-2020 |
| 19. | CSIR-CDRI Centre for Science Outreach and Research | Cipla Foundation, Mumbai MoU | 18-12-2020 |
| 20. | Partnering in clinical trials of Niclosamide | Marc Laboratories Ltd., Lucknow | 19-08-2020 |
| 21. | Collaborative research activities and capacity building of students and faculties in mutual areas of interest. | Foundation for Neglected Disease Research, Bengaluru | 15-06-2020 |
| 22. | To provide collaborative cooperation between CSIR-CDRI and Reva University, Bengaluru in specific fields of interest | Reva University, Bengaluru | 08-06-2020 |
| 23. | To promote institutional linkage between CSIR-CDRI and Madras Diabetes Research Foundation (MDRF), Chennai to explore for possible collaborative research programs in specific fields of interest | Madras Diabetes Research Foundation (MDRF), Chennai | 03-06-2020 |
| 24. | Collaborative research work on COVID-19 | King Georges Medical University, Lucknow | 15-04-2020 |
| 25. | To promote institutional linkage between CSIR-CDRI and Integral University, Lucknow to explore for possible | Integral University, Lucknow | 28-02-2020 |

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| | collaborative research programs in specific fields of interest | | |
| 26. | In vivo evaluation of emetine analogs for antimalarial activity in the <i>P. yoelii</i> mouse model | The University of Salford, Manchester, UK | 21-01-2020 |
| 27. | To promote institutional linkage between CSIR-CDRI and Sastra Deemed University, Thanjavur (Tamilnadu) to explore for possible collaborative research programs in specific fields of interest | Sastra Deemed University, Thanjavur (Tamilnadu) | 03-11-2019 |
| 28. | To promote institutional linkage between CSIR-CDRI and Indrashil University (IU), Mehsana to explore for possible collaborative research programs in specific fields of interest | Indrashil University, Rajpur, Mehsana (Guj.) | 09-12-2019 |
| 29. | CSIR technologies offerings, knowledgebase and intellectual property portfolio | Steinbeis Centre for Technology Transfer India, Hyderabad | 23-07-2019 |
| 30. | Industrial collaboration for R&D meets, technical sessions/knowledge roundtables, Research & advisory, start-up ecosystem and digital ecosystem, HR training, leadership and skill development | Yes Bank Limited, Mumbai | 21-10-2019 |
| 31. | To work jointly in the area of bioprospection of NE plant diversity for development of new drugs | Foundation for Environment & Economic Development Services (FEEDS), Manipur | 28-10-2019 |
| 32. | To promote institutional linkage between CSIR-CDRI and BB Ambedkar University, Lucknow to explore for possible collaborative research programs in specific fields of interest | BB Ambedkar University, Lucknow | 18-10-2019 |
| 33. | To promote institutional linkage between CSIR-CDRI and THSTI, Faridabad to explore for possible collaborative research programs in specific fields of interest | Translational Health Science and Technology Institute (THSTI), Faridabad | 02-09-2019 |
| 34. | To promote institutional linkage between CSIR-CDRI and MAHE, Manipal and to explore other avenues for possible collaborative research programs in specific fields of interest | Manipal Academy of Higher Education (MAHE), Manipal, Karnataka | 30-05-2019 |
| 35. | To promote institutional linkage between CSIR-CDRI and Era University, Lucknow and to explore other avenues for possible collaborative research programs in specific fields of interest | Era University, Lucknow | 09-08-2019 |

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| 36. | To promote institutional linkage between CSIR-CDRI and RCB, Faridabad and to explore other avenues for possible collaborative research programs in specific fields of interest | Regional Centre for Biotechnology, NCR Biotech Science Cluster, Faridabad | 15-07-2019 |
| 37. | To promote institutional linkage between CSIR-CDRI and HBTU, Kanpur and to explore other avenues for possible collaborative research programs in specific fields of interest | HBTU, Kanpur | 09-05-2019 |
| 38. | To promote institutional linkage between CSIR-CDRI and NIPER, Kolkata and to explore other avenues for possible collaborative research programs in specific fields of interest | NIPER, Kolkata | 18-04-2019 |
| 39. | Formulation and development of a dry powder inhalation for pulmonary hypertension | Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management, Mumbai | 25-03-2019 |
| 40. | To establish collaborative cooperation through research programs in specific fields of interest | Saraswati Dental College & Hospital, Lucknow | 30-03-2019 |
| 41. | DFS-MNPIDL (Drugs from Sea – Marine Natural Product inspired Drugs Leads) {short form “Drugs from Sea”} | MoES, Govt. of India, New Delhi | 22-02-2019 |
| 42. | Neuroprotective and neuritogenic effect of a cell-permeable bacterial histone-mimic protein: Therapeutic implications for neurodegenerative pathologies | Jamia Hamdard, New Delhi (DST-SERB project) | 03-01-2019 |
| 43. | To promote institutional linkage between CSIR-CDRI and IIT, Mumbai and to explore other avenues for possible collaborative research programs in specific fields of interest | IIT, Mumbai | 01-01-2019 |
| 44. | To promote institutional linkage between CSIR-CDRI and JNCASR and to explore other avenues for possible collaborative research programs in specific fields of interest | Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru | 20-12-2018 |
| 45. | To promote institutional linkage between CSIR-CDRI and IIT, Guwahati and to explore other avenues for possible collaborative research programs in specific fields of interest | IIT, Guwahati | 24-09-2018 |
| 46. | Small molecule inducers of redox stress targeting antibiotic resistance | Indian Institutes of Science Education and Research, Pune | 02-11-2017 |

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| 47. | To promote institutional linkage between CSIR-CDRI and DR RMLAU and to explore other avenues for possible collaborative research programs in specific fields of interest | Dr. Ram Manohar Lohia Avadh University, Faizabad | 15-11-2017 |
| 48. | To promote institutional linkage between CSIR-CDRI and NIPER and to explore other avenues for possible collaborative research programs in specific fields of interest | National Institute of Pharmaceutical Education & Research (NIPER), Mohali | 14-11-2017 |
| 49. | To promote institutional linkage between CSIR-CDRI and GIPER and to explore other avenues for possible collaborative research programs in specific fields of interest | Global Institute of Pharmaceutical Education and Research, Kashipur, Uttarakhand | 01-11-2017 |
| 50. | To promote institutional linkage between CSIR-CDRI and Haffkine Institute and to explore other avenues for possible collaborative research programs in specific fields of interest | Haffkine Institute for Training, Research & Testing, Mumbai | 16-10-2017 |
| 51. | To promote institutional linkage between CSIR-CDRI and SMSMCH and to explore other avenues for possible collaborative research programs in specific fields of interest | SMS Medical College and Hospital, Jaipur | 13-07-2017 |
| 52. | To promote institutional linkage between CSIR-CDRI and KSDPL and to explore other avenues for possible collaborative research programs in specific fields of interest | Kerala State Drugs & Pharmaceuticals Ltd., Govt. of Kerla, Kalavoor, Alappuzha | 08-08-2017 |
| 53. | To promote institutional linkage between CSIR-CDRI and NITM and to explore other avenues for possible collaborative research programs in specific fields of interest | ICMR-National Institute of Traditional Medicine, Belagavi (Karnataka), | 14-07-2017 |
| 54. | Study on the roles of Proteasome accessory factor-C (pafC) in determining the susceptibility of antimycobacterial drugs with special reference to fluoroquinolones | King Georges Medical University, Lucknow | 11-04-2017 |
| 55. | (i) Synthesis and characterization of siRNA/shRNA loaded ligand bearing PLGA micro and nanoparticles for targeted delivery to the for lung inflammation and lung cancer treatments” and (ii) “Targeted delivery of shRNA loaded microparticles to the lung macrophage for lung inflammation disease | University of Allahabad, Allahabad | 11-04-2017 |

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| 56. | Host-pathogen interactions during Plasmodium liver stage development | National Center for Biological Sciences, Tata Institute of Fundamental Research, Bangalore | 17-04-2017 |
| 57. | To investigate the role of lipid droplets (LDs) by Fluoranthene derivatives in dendritic- and myeloid cells | Radboud university medical center, Netherland | 20-04-2017 |
| 58. | Hyperinsulinemic euglycemic clamp (HEC) study of CSIR-CDRI's Pancreastatin inhibitor (named PSTi8) in db/db mouse | Cadila Healthcare Limited, Ahmedabad | 22-02-2017 |
| 59. | Cytokine and xenobiotic metabolizing enzyme gene polymorphisms in acquired aplastic anemia | King Georges Medical University, Lucknow | 20-06-2016 |
| 60. | Exploring the possible role of epidermal growth factor receptor pathway substrate 8 (EPS8) and forkhead box M1 (FoxM1) along with related growth factors and their regulation in patient with implantation failure/miscarriage | King Georges Medical University, Lucknow | 02-03-2017 |
| 61. | Evaluation of anti-filarial and immunomodulatory activities of some natural plant products and synthetic compounds | University of Hyderabad, Hyderabad | 29-12-2016 |
| 62. | To promote institutional linkage between CSIR-CDRI and SGPGIMS | SGPGI Medical Sciences, Lucknow | 02-02-2017 |
| 63. | To promote institutional linkage between CSIR-CDRI and IITM | Indian Institute of Technology Madras, Chennai | 31-01-2017 |
| 64. | Epigenetic regulation, disease progression, relapse and therapy resistance in myeloid leukemias | King Georges Medical University, Lucknow | 22/11/2016 |
| 65. | Preclinical, phase II & III studies for repurposing GLP-1 agonist liraglutide for post-menopausal osteoporosis and sarcopenia treatment | King Georges Medical University, Lucknow | 21-11-2016 |
| 66. | To promote institutional linkage between CSIR-CDRI and KGMU and to explore other avenues for possible collaboration | King Georges Medical University, Lucknow | 02-01-2017 |
| 67. | Recombinant protein approach of secretory proteins for clinical validation of pulmonary and extra pulmonary tuberculosis | King Georges Medical University, Lucknow | 25-10-2016 |
| 68. | Preclinical, Phase II & III studies for the repurposing of FDA approved drug CFZ | Homi Bhabha Cancer Hospital & Research Centre, Marripalem, Visakhapatnam | 22-11-2016 |

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| 69. | Collaborative Research Programs in specific fields of mutual interest in Ayurveda , Siddha and Unani drugs | BHU, Varanasi | 17-11-2016 |
| 70. | Advanced Drug Delivery System | CSIR-IICT, Hyderabad and Seth GS Medical College and KEM Hospital, Mumbai | 31-10-2016 |
| 71. | Purification of proteins/enzymes from bacteria | G.B. Pant Institute of Himalayan Environment & Development, Almora | 26-08-2016 |
| 72. | Development of preclinical and clinical radioprotective formulation prepared by combining Podophyllotoxin and rutin | Institute of Nuclear Medicine & Allied Sciences, Defense Research & Development Organization (DRDO), Delhi | 29-07-2016 |
| 73. | Development of new anti-Leishmanial agents via structure based drug design targeting Leishmania Actin | Institute of Bioinformatics and Applied Biotechnology, Bengaluru | 19-07-2016 |
| 74. | Collaborative Research Programs in specific fields of mutual interest | IIT, Kanpur | 29-07-2016 |
| 75. | To promote institutional linkage between CSIR-CDRI and CBMR and to explore other avenues for possible collaboration | CBMR, SGPGIMS Campus, Lucknow | 01-07-2016 |
| 76. | For preparing a documentary on various CDRI technologies & five U-tube short video clips in full HD | Amity University, Lucknow | 21-06-2016 |
| 77. | Evaluation of antiproliferative agents and phytocompounds for their efficacy against human endometrial hyperplasia, human endometrial cancer and stromal differentiation and exploration of mechanism of action thereof | King Georges Medical University, Lucknow | 15-06-2016 |
| 78. | Molecular genetic studies on reproductive health disorders like PCOS, endometriosis, miscarriage, Preterm birth and male infertility | BHU, Varanasi | 02-03-2016 |
| 79. | Suppressive Cytokines Inhibit the Production & function pro-inflammatory cytokines and their Receptor Expression in Human Visceral Leishmaniasis Patients | AIIMS, New Delhi | 04-04-2016 |
| | Design and Synthesis of Natural, Un-Natural Analogues of Calothrixins A, B and Evaluation of antimalarial and anticancer activity | VIT University, School of Advanced Sciences,Vellore, | 22-04-2016 |

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| 80. | Pharmacokinetic studies of radioprotective formulation prepared from active principles isolated from <i>Podophyllum hexandrum</i> | Institute of Nuclear Medicine & Allied Sciences, Defence Research & Development Organization (DRDO), Delhi | 19-02-2016 |
| 81. | To study the biological activity (such as anti-tubercular) of 1,2,3-triazole containing compounds | Dibrugarh University, Dibrugarh | 23-12-2015 |
| 82. | Assessment of serum leptin, insulin, HbA1c and blood glucose levels and its correlation with HOMA-IR | King Georges Medical University, Lucknow | 30-12-2015 |
| 83. | To investigate whether Lipocalin 2 (in mice) NGAL9 (in human) is a part of DNA decoration along with MPO, elastase etc in neutrophil extracellular traps (NETs) | Pennsylvania State University, University Park, USA | 03-02-2016 |
| 84. | The Effect of Aloe Vera on human gingival fibroblast (hGF) – an in vitro study | BBD College of Dental Sciences, BBD University, Lucknow | 15-10-2015 |
| 85. | Evaluation of morphological and biochemical changes in human gingival fibroblast (hGF) treated with <i>Acacia nilotica</i> | BBD College of Dental Sciences, BBD University, Lucknow | 15-10-2015 |
| 86. | Evaluation of a carbazol alkaloid molecule 'Mahanine' isolated from natural sources against experimental visceral leishmaniasis | CSIR-IICB, Kolkata | 01-09-2015 |
| 87. | Immunological characterization of recombinant culture filtrate proteins from ESAT-6 family of <i>Mycobacterium tuberculosis</i> H37Rv | King Georges Medical University, Lucknow | 01-05-2015 |
| 88. | Habitat ecology and species diversity of <i>Cordyceps</i> in district Pithoragarh, Central Himalaya | LSM Government Postgraduate College, Pithoragarh | 21-04-2015 |
| 89. | IP Search and Analysis Services | CSIR-URDIP, Pune | 19-03-2015 |
| 90. | Study of antioxidant and molecular mechanism for anti HIV activities of some plant products | University of Allahabad, Allahabad | 04-02-2015 |
| 91. | Dissecting role of critical miRNA in breast cancer in Indian subjects. | King Georges Medical University, Lucknow | 23-02-2015 |
| 92. | Genetic, epigenetic and transcriptome and proteome analysis of male infertility cases to identify etiological factors behind infertility | King Georges Medical University, Lucknow | 22-01-2015 |

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| 93. | Validation of wnt pathway modulation and efficacy study in primary osteoporosis, fracture healing and secondary osteoporosis models for repositioning of clofazimine | King Georges Medical University, Lucknow | 15-12-2014 |
| 94. | Decoding the ncRNome & Epigenome for Breast Cancer using Big Data analytics on Next Generation Sequencing | IIIT, Allahabad | 07-11-2014 |
| 95. | Mesenchymal stem cells with a polymeric scaffold may improve cardiac function in a mouse myocardial model | IIT, Madras, Chennai | 08-10-2014 |
| 96. | Antimicrobial resistance analysis of gram-negative bacterial isolates from Micro-JNMC | Jawaharlal Nehru Medical College under Aligarh Muslim University, Aligarh | 23-09-2014 |
| 97. | Cybernetics of platelet-rich fibrin (PRF) mediated regulation of human gingival fibroblasts (HGF). | King Georges Medical University, Lucknow | 16-09-2014 |
| 98. | Non-ionizing radiation induced alteration in molecular signaling of ovulation and embryo implantation in mice model | BHU, Varanasi | 08-09-2014 |
| 99. | To designate CTPL as its "Non Exclusive Technology Commercialization Agency" to find a suitable partner for the commercialization of CSIR-CDRI technologies, products and services | CSIR-Tech Pvt. Ltd. Pune | 02-06-2014 |
| 100. | Phylogenetic studies of Mycobacterium tuberculosis isolates on the basis of insertion sequences, direct repeats and variable number of tandem repeats in pulmonary and extra-pulmonary patients | King Georges Medical University, Lucknow | 05-08-2014 |
| 101. | Role of p53 codon 72 polymorphism on risk of juvenile nasopharyngeal angiofibroma (JNA) | King Georges Medical University, Lucknow | 18-07-2014 |
| 102. | An indigenous amalgamated/single unit alveolar distractor implant system for oral rehabilitation | King Georges Medical University, Lucknow | 17-07-2014 |
| 103. | Mechanistic studies on the anticancer effects of candidate CSIR-CDRI compounds in myeloid leukemia and solid cancers | King Georges Medical University, Lucknow | 16-07-2014 |

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| 104. | Design, synthesis and anticancer activities of peptide based molecules | IISc Deemed University, Bangalore | 15-07-2014 |
| 105. | Design, synthesis and evaluation of antitubercular compounds | National Jalma Institute of Leprosy & other Mycobacterium Diseases, Agra | 11-07-2014 |
| 106. | Augmentation of effector immune responses using immunomodulators in conjunction with chemotherapy against experimental Visceral Leishmaniasis | King Georges Medical University, Lucknow | 02-07-2014 |
| 107. | Collaborative research program in specific field of mutual interest | BBDU, Lucknow | 18-06-2014 |
| 108. | Delineation of Rac1 signaling association with PCOS pathophysiology | King Georges Medical University, Lucknow | 15-04-2014 |
| 109. | To find out role of oxidative stress and inflammatory markers in rat cerebral venous sinus thrombosis model | SGPGIMS, Lucknow | 03-02-2014 |
| 110. | Effect of Curcumin on IGF signaling and memory deficit in aging streptozotocin rats | King Georges Medical University, Lucknow | 24-01-2014 |
| 111. | Nanoparticulate drug delivery for poorly soluble drugs | Amity University, Lucknow | 25-02-2014 |
| 112. | To provide higher education opportunities for faculty, support staff and students of CSIR-CDRI and LU, promote institutional linkage between CSIR-CDRI & LU to explore other avenues for possible collaboration of mutual interest | Lucknow university, Lucknow | 27-02-2014 |
| 113. | In silico screening and computational toxicity prediction studies on HIV and SrtA inhibitors | Alagappa University, Tamilnadu | 11-03-2014 |
| 114. | Centre of excellence on flow cytometry | Beckman Coulter India Pvt. Ltd, New Delhi | 01-02-2014 |
| 115. | To conduct assay for elucidation of human metabolic pathways using different in-vitro and in-vivo methodologies | Advinus Therapeutics Ltd. Bangalore | 21-04-2014 |
| 116. | Dereplication study of Indian medicinal plants using MS and LCMS techniques and to compare seasonal variations of bioactive constituents | Dr Y S Parmar University of Horticulture and forestry, Nauni - Solan | 21-11-2013 |
| 117. | Studies on initial interaction of M. tuberculosis and its host | Dept. of Cell Biology & Immunology, IMTech, Chandigarh | 06-05-2014 |

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| 118. | Polymorphisms in CD14 & IL6 genes associated with chronic periodontitis in smokers and non- smokers | Babu Banarsi Das College of Dental Sciences, Lucknow | 20-05-2014 |
| 119. | To promote institutional linkage between CSIR-CDRI and GIPER | Global Institute of Pharmaceutical Education and Research, Kashipur, | 14-11-2013 |
| 120. | Functional characterization of genes expressed in Plasmodium pre-erythrocytic stages through genetic manipulation and drug targeting approaches | University of Hyderabad, Hyderabad | 05-11-2013 |
| 121. | Development of intradermal animal model of visceral leishmaniasis with fluorescent L.donovani: relevance to vaccine development. | MNNIT Allahabad & AIIMS New Delhi | 30-09-2013 |
| 122. | Investigation on application of innate immune system for the development of novel drug molecules for infectious disease | SRM University, Kattankulathur, Kancheepuram | 23-09-2013 |
| 123. | To carry out the antifilarial evaluation of compounds synthesized. | Banaras Hindu University, Varanasi. | 18-09-2013 |
| 124. | Studies to investigate the modulation of inflammatory cytokine(s) mediated effector responses in visceral leishmaniasis. | MNNIT, Allahabad | 07-08-2013 |
| 125. | To impart training as per CPCSEA and other regulatory authorities for laboratory professionals | National Institute of Animal Welfare, Ballabgarh, Faridabad, Haryana | 06-08-2013 |
| 126. | Collaborative Research & Development | Panacea Biotech Ltd., New Delhi. | 25-07-2013 |
| 127. | Structure-function characterization of ADF/cofilin proteins using NMR spectroscopy | Centre of Bio-Medical Research, SGPGIMS, Lucknow | 03-07-2013 |
| 128. | Design, Synthesis and Development of Aromatic, Hetero aromatic and Glyco-conjugates as Anti therapeutic Agents and Cholinesterase Reactivators | Defence R&D Establishment and Pt. Ravishankar Shukla University, Raipur | 24-06-2013 |

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| 129. | An open label, Single-centre, Two Period, crossover, Drug interaction study to Assess the Effect of Multiple Oral Administration of Cap Memory Sure (150 mg BD) on the Pharmacokinetics, Safety and tolerability of antidiabetic drugs Gliclazide 80mg and Metformin 500mg in Indian patients with Type | King Georges Medical University, Lucknow | 14-06-2013 |
| 130. | Discovery and Development of Novel bone Anabolic agents for Accelerated Fracture Healing | Enem Nostrum Remedies Pvt.Ltd.,Mumbai | 21-06-2013 |
| 131. | Screening of a series of 4-amino quinoline derivatives for identifying more potent and/or functionally altered ligands | Tufts Medical centre Bostan,MA | 28-06-2013 |
| 132. | Characterization of Novel CTA Markers | Dr. R. M. L. Institute of Medical Sciences, Lucknow, KGMU, Lucknow | 09-04-13 |
| 133. | Development and characterization of novel drug delivery systems for controlled and targeted drug delivery with special reference to leishmaniasis and cancer | Amity Institute of Pharmacy, Lucknow | 03-04-2013 |
| 134. | Role of E3 ubiquitin ligases in negative regulation of GCSFr signaling: Implication in myeloid leukemia | Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow | 24-01-2013 |
| 135. | To explore avenues for possible collaboration between CSIR-CDRI and ICT | Institute of Chemical Technology, Mumbai | 24-11-2012 |
| 136. | Association of single Nucleotide Polymorphisms in SERPINE I gene in patients With Chronic Periodontitis | Babu Banarasi Das College of Dental Sciences, Lucknow | 30-11-2012 |
| 137. | In vitro cytotoxicity evaluation of anti-cancer activity of new natural molecules | King Georges Medical University, Lucknow | 21-11-2012 |
| 138. | Evaluation of CSIR-CDRI lead compounds for their role in samples from leukemia patients. | King Georges Medical University, Lucknow | 31-08-2012 |
| 139. | Creating an enabling framework for technological interventions in MSME clusters | Alathur Pharmaceutical Manufacturers Association, Alathur, Kancheepuram | 11-10-2012 |
| 140. | Exploration of methylenetetrahydrofolate reductase (MTHFR) gene polymorphism as a marker in children afflicted with cerebral palsy in India | Nelson Hospital , Lucknow | 31-07-2012 |

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| 141. | Genomic Study of Leukemic Cancer Patients in India and Prevention by Plant Products | Mahavir Cancer Santhan, Patna | 25-08-12 |
| 142. | Development of lymphatic targeted nanoparticulate drug delivery system as novel anti-wolbachial combination chemotherapy for the treatment of | Jamia Hamdard, New Delhi | 25-07-12 |
| 143. | Identification and characterization of uterine-specific blood biomarkers for monitoring | King Georges Medical University, Lucknow | 09-04-2012 |
| 144. | Nitrous oxide and Cu toxicity | Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow | 21-05-2012 |
| 145. | Identification of urinary biomarkers for diagnosis, prognosis and follow up of patients with SLE nephritis. | Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow | 23-02-2012 |
| 146. | Screening of Anti-filarial Compounds | Banaras Hindu University | 23-02-2012 |
| 147. | To work on chemical fingerprinting of rare piper and other species | Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode, Trivandrum | 16-02-2012 |
| 148. | Significance of promoter polymorphism of interleukin-6, interleukin-8, interleukin-10 and interleukin-18 gene and their circulating levels in risk of ovarian carcinoma in Indian population | King Georges Medical University, Lucknow | 16-01-2012 |
| 149. | An innovation in distraction osteogenesis for mandibular regeneration using a refined transport distractor. | King Georges Medical University, Lucknow | 13-10-2011 |
| 150. | Exchange of faculty, exchange of graduate students, collaborative search for external funding, Joint research projects and publications and joint conference, workshops and cultural programs. | University of California , San Diego | 23-09-2011 |
| 151. | Isolation and characterization of antidiabetic secondary metabolites from two selected medicinal plants | King Georges Medical University, Lucknow | 08-07-2011 |
| 152. | The assessment of prenatal exposure of newer antidepressant drug. | Allahabad University | 11-07-2011 |
| 153. | Effect of Sulphadoxine – pyrimethamine co-administration on pharmacokinetics of α/β – Arteether, an Antimalarial agent in healthy male volunteers | King Georges Medical University, Lucknow | 19-04-2011 |
| 154. | Synthesis of biologically potent bisphosphonates | Sri Venkateshwara University Tirupati | 23-03-2011 |

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| 155. | Nanoreservoirs carrying Brugia malayi recombinant proteins as potential vaccine against experimental lymphatic filariasis | Integral University, Lucknow | 10-02-2011 |
| 156. | Pharmacological evaluation of Homoeopathic Medicine under Drug Standardization Programme of CCRH | CCRH, New Delhi | 02-02-2011 |
| 157. | Protective immunogenicity of Centrin KO live attenuated Leishmania parasite in the animal models and in the human cells | Institute of Pathology, New Delhi & Institute of Molecular Medicine, New Delhi. | 09-12-2010 |
| 158. | Study on promoter gene polymorphism of Interleukin-10, Interleukin-18 and assessment of GATA transcriptional factor expression in ovarian carcinoma in North Indian population | King Georges Medical University, Lucknow | 07-12-2010 |
| 159. | Comparative proteomic analysis of human receptive versus non-receptive and defective endometrium | King Georges Medical University, Lucknow | 03-12-2010 |
| 160. | To create centre of excellence in flow cytometry at CDRI by installing new two laser models of BD FACSCalibur | Becton Dickinson India, Pvt, Ltd., New Delhi | 24/112010 |
| 161. | Acetylcholinesterase and cuticular collagen as potential vaccine targets for human lymphatic filariasis | Madurai Kamaraj University, Madurai | 31-08-2010 |
| 162. | Investigation of molecular mechanisms of antidiabetic action of Swertiamarin and its semi-synthetic derivatives | M.S. University, Baroda | 22-06-2010 |
| 163. | Chemical biology approach for generation of knowledge base and therapeutics in breast cancer | National Centre for Cell Sciences, Pune | 31-05-2010 |
| 164. | Molecular and functional characterization of nef gene isolated from HIV-1 patients at different stages of pathogenesis | King Georges Medical University, Lucknow | 27-05-2010 |
| 165. | Development of nanocarrier based Curcumin, Amphotericin B and Curcumin – Amphotericin B combination formulations as immunomodulators and evaluation of their antileishmanial and antifungal efficacy | Institute of Chemical Technology, Mumbai | 30-04-2010 |
| 166. | To understand the reactivity of formyl group for the Baylis-Hilman reaction in heterocyclic aldehydes | Indian Institute of Technology, Kanpur | 26-03-2010 |

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| 167. | Association of certain genetic factors with susceptibility and severity of periodontal diseases, alveolar bone loss, postcranial BMD and outcome of periodontal therapy in Indian population | Saraswati Dental College & Hospital, Lucknow | 23-03-2010 |
| 168. | Aggregation studies on Salmon calcitonin in presence of metal ion promoters | Centre of Biomedical Magnetic Resonance, Lucknow | 22-02-2010 |
| 169. | Impact of adipokene and chemokene gene polymorphism and its protein expression in metabolic syndrome | King Georges Medical University, Lucknow | 08-12-2009 |
| 170. | Regular screening on human samples of infertility/benign prostatic hyperplasia/urinary bladder cancer. | King Georges Medical University, Lucknow | 12-11-2009 |
| 171. | Optimization of anticancer leads | CIMAP Lucknow | 27-10-2009 |
| 172. | “Development of siRNA therapeutics against myeloid cell infections by pathogens” | Meharry Medical college USA | 23-10-2009 |
| 173. | Synthesis, Molecular Modeling and Development of ER Dependent anti-cancer Agents | Amity Institute of Pharmacy, Amity University, Lucknow | 14-09-2009 |
| 174. | Setting of Phase I clinical facility | SGSMC KEM Hospital, Mumbai | 27-07-2009 |
| 175. | Association of CD36 locus with Type II Diabetes and related atherosclerosis | MHGL/ Lucknow University | 19-05-2009 |
| 176. | To carry out the Antibacterial activities of Samples. | UPDCRC, LKO | 17-06-2008 |
| 177. | Synthesis of SBC analogs | Satsang Rasaishana Mandir, Deoghar | 23.08.06 |
| 178. | Training & screening of CDRI compounds against Human African Tripanosomiasis (HAT) | Drugs for Neglected Diseases initiative (DNDi), Geneva | 17.08.2005 |
| 179. | Development of software for DNA Micro-array | Connexios Life Sciences, Bangalore | 29.10.2004 |
| 180. | Development of Software for HTS | Khandari Software, Lucknow | 08.06.2004 |