

F.No. R.12018/12/2026-HR
Government of India
Ministry of Health and Family Welfare
Department of Health Research

Dated: 31.08.2026.

Declaration of Result for Call for Research Proposals for the year 2026-27 received under "Women Scientist fellowship" under Human Resource Development (HRD) Scheme of the Department of Health Research vide advertisement dated 21.04.2026.

List of Research Proposals selected under Human Resource Development (HRD) Scheme of Department of Health Research as follows:

Result of the Women Scientists Fellowship for the year 2026-27			
S. No	Proposal ID	Name and Institute of PI	Project title
1	WS-2026-1757	Ms Zeenat Ara , King George Medical University, LUCKNOW, UTTAR PRADESH	Immunomodulatory Effects of Taurine on Neutrophil Oxidative Burst, Regulatory T-Cell Dynamics, and Neuroinflammatory Signatures as Determinants of Neurological Recovery Following Acute Traumatic Spinal Cord Injury: A Randomized Controlled Trial
2	WS-2026-1564	Dr Rani Dutta , Indian Institute of Science (IISc), BENGALURU URBAN, KARNATAKA	Development and Clinical Validation of a Waveguide-based LSPR Optical Biosensing Platform for Simultaneous Detection of Depression-Associated Salivary Biomarkers in Major Depressive Disorder
3	WS-2026-1653	Dr Shweta Duggal, Regional Centre for Biotechnology, FARIDABAD, HARYANA	Epigenetic and Immunometabolic Reprogramming of Neutrophils in Dengue: Development of a Translational Platform for Host-Directed Therapeutic Screening
4	WS-2026-	Dr Kumari Uma Mahto,	Understanding the interplay between cancer metabolism

	1481	Banaras Hindu University ,VARANASI ,UTTAR PRADESH	and immune checkpoints to develop novel therapeutic strategies against cutaneous T-cell lymphoma
5	WS-2026-1617	Dr Aryashree Arunima Amity University, Gautam Buddha Nagar ,GAUTAM BUDDHA NAGAR ,UTTAR PRADESH	Mitochondrial Immunometabolism and Interferon Signaling in Alveolar Macrophages during Bacterial Acute Respiratory Infections: Identifying Host-Directed Therapeutic Targets
6	WS-2026-1674	Dr Palak Singh Dr. B.R. Ambedkar Center for Biomedical Research, University of Delhi, NORTH DELHI	Dual Inhibition of MMP9 and ALK2: A Combined Approach to Attenuate Heterotopic Ossification in Fibrodysplasia Ossificans Progressiva (FOP)
7	WS-2026-1749	Dr Sakshi Mishra, CSIR-Central Drug Research Institute (CSIR-CDRI), LUCKNOW, UTTAR PRADESH	Impact of Undernutrition on Deoxynivalenol Mediated Intestinal Injury and Therapeutic Intervention with Nanostructured Pirfenidone
8	WS-2026-1705	Dr Kavitha Babu National Institute of Mental Health & Neuro Sciences, BENGALURU URBAN ,KARNATAKA	Gut Microbiome Signatures of Schizophrenia Vulnerability: Insights from first-degree relatives for precision risk assessment
9	WS-2026-1482	Dr Bhuvaneshwari Sampath, All India Institute of Medical Sciences, Nagpur, MAHARASHTRA	Targeting Ion channels to prevent erythrocyte dehydration in Sick Cell Anemia: An Integrated In-Silico and a patient-derived translational study
10	WS-2026-1812	Dr Sadaf Khan Jamia Millia Islamia ,SOUTH ,DELHI	Biophysical and computational studies of the gut microbial metabolites: Their role in amyloid beta protein aggregation related to Alzheimer's Disease.
11	WS-2026-1789	Dr Priyanka Kriti Narayan , ICMR Rajendra Memorial Research Institute of Medical Sciences, PATNA, BIHAR	Exploring Ld3MST unique C-terminal domain as a biomarker for improved diagnosis of visceral leishmaniasis
12	WS-2026-1707	Dr Subhashni Sahu University of Delhi South Campus, SOUTH WEST, DELHI	Understanding the mechanistic basis of systemic tumour–host communication
13	WS-	Dr J Lalremruati ,	Circadian Regulation of Bile

	2026-1597	Mizoram University, AIZAWL, MIZORAM	Acid-Microbiome Signaling in the Gut-Brain Axis: Implications for Learning, Memory, and Cognition
14	WS-2026-1466	Dr Neetu Rani Dhiman, Banaras Hindu University, VARANASI, UP	Comparative effects of rTMS and Vestibular Rehabilitation Therapy on Dizziness related QoL and Psychological Outcomes in BPPV-Induced Persistent Postural-Perceptual Dizziness
15	WS-2026-1738	Dr Sarani Sen Roy, University of Calcutta, KOLKATA, WEST BENGAL	Development of on-chip electrochemical microsenors for in-situ analysis of nerve cell regeneration
16	WS-2026-1477	Mrs Priti Yadav University of Lucknow, LUCKNOW, UP	Proteomic Profiling of Neuronal Exosome: Developing Quantitative Biomarkers for Alzheimer's Disease
17	WS-2026-1693	Dr Savy Panamkuttiyel Minal , All India Institute of Medical Sciences (AIIMS), SOUTH, DELHI, New Delhi	Development of a rapid, visual, and cost-effective nano-diagnostic kit for detection of BCR::ABL1 fusion induced Chronic Myeloid Leukemia (CML)
18	WS-2026-1782	Dr Santosh Yadav , Institute of Nano Medical Science, NORTH, DELHI	Fabrication and evaluation of polydopamine modified hydrogen-substituted Graphdiyne and its derivatives based biocompatible nanomaterials as antimicrobial coatings for Medical Devices applications
19	WS-2026-1771	Dr Huma Khan , Indian Institute of Technology Delhi (IIT Delhi), SOUTH, DELHI	Investigation of novel recombinant nanobody and peptide treatment modalities for snake venom toxins
20	WS-2026-1770	Dr Tina Nasrin, ICMR - National Institute for Research in Bacterial Infections, KOLKATA, WEST BENGAL	Development of Antigen-based Aptamer Conjugated Gold Nanoparticle Sensor for Early Detection of Scrub Typhus.
21	WS-2026-1685	Dr Swati Shukla All India Institute of Medical Sciences, SOUTH, DELHI	Translating Exosome-Mediated Classical Complement Activation into a Non-Invasive Clinical Tool for Early Prediction of Diabetic Retinopathy

22	WS-2026-1639	Dr Richa Yadav, Panjab University ,CHANDIGARH	Development of a Microbiota-Friendly Thermosensitive Vaginal Nano-Hydrogel of Peptide-Proanthocyanidins-Carvacrol combination for Antibiofilm Therapy Against Recurrent Gardnerella vaginalis infection.
23	WS-2026-1517	Dr Aprajita Tiwari Pandey, Motilal Nehru National Institute of Technology, ALLAHABAD, UP	Design and Evaluation of Amine-Functionalized Mesoporous Silica Nanoparticles As Novel Bio Inspired Architectures for Precision Delivery of Caffeic Acid Phenethyl Ester (CAPE): Targeting Quorum Sensing (QS) mediated biofilm formation in Pseudomonas aeruginosa PAO1
24	WS-2026-1767	Dr. Monika Jain, Mohanlal Sukhadia University, Udaipur, UDAIPUR, RAJASTHAN	Active pharmaceutical ingredients based Ionic Liquids embedded in polymer ionogel for targeted and efficient delivery of anticancer drug
25	WS-2026-1691	Dr. Anjali Suman, Banaras Hindu University, VARANASI, UP	Unmasking the Plastic-Brain Axis: Microplastic-Induced BDNF-TrkB Dysregulation Driving Microglial Synaptotoxicity and Neurodegeneration in Zebrafish
26	WS-2026-1640	Dr Sohini Roy St. John's Research Institute, A Unit of CBCI Society for Medical Education, BENGALURU URBAN, KARNATAKA	Integrated Gut Microbiota–Metabolomics Approach to Evaluate the Protective Effects of Dietary Fiber (Pectin, Fructooligosaccharides, and Inulin) on lean MASLD/MASH Progression and Fibrosis in a Mouse Model
27	WS-2026-1690	Dr P Saranya, Aravind Medical Research Foundation, MADURAI, TAMIL NADU	Identification of the factors associated with autofluorescence in adult human lens epithelial cells during ageing and cataract formation
28	WS-2026-	Dr Sohini Basu, Central University of	Epigenetic Regulation of Membrane Contact Site

	1657	Rajasthan, AJMER, RAJASTHAN	Signalling: Linking Chromatin State to ER-PM Lipid Scrambling, with Translational Implications for Human Disease
29	WS-2026-1655	Dr Sneh Lata Singh , Jawaharlal Nehru University, New Delhi, SOUTH, DELHI	Investigating the fibrillation of DNA-binding domain of p53 and its role in Parkinson's disease pathogenesis
30	WS-2026-1506	Dr Rekha M J , JSS Academy Of Higher Education & Research, MYSURU, KARNATAKA	Development and preclinical evaluation of a postbiotic-adjuvanted thermoresponsive hydrogel for disruption of multidrug-resistant biofilms in diabetic wounds
31	WS-2026-1671	Dr Ayushi Garg, Panjab University, CHANDIGARH, CHANDIGARH	"SCFAs as Potential Therapeutics in Colorectal Cancer: Epigenetic, Immunomodulatory, and Transcriptomic Insights from Preclinical Models"
32	WS-2026-1460	Dr Sruthi C R, University of Kerala, THIRUVANANTHAPURAM, KERALA	From Gut Dysbiosis to Malignancy: Investigating the Mechanistic role of Microbial Phenylacetic Acid in Colorectal Cancer Progression
33	WS-2026-1622	Dr Tripti Ahuja, Amity University, Gautam Buddha Nagar, UTTAR PRADESH	Targeting Aberrant Splicing in Indian Oral Cancer: From Functional Atlas to Drug Repurposing
34	WS-2026-1744	Mrs Pradhi Srivastava , Amity University, Gautam BuddhaNagar, UTTAR PRADESH	Integrated Approach for Development and Optimization of Anti-CEA Antibody Ligated Polymeric Nanoparticles for Targeted Colorectal Cancer Therapy
35	WS-2026-1740	Dr Mugdha Srivastava, Sanjay Gandhi Postgraduate Institute of Medical Sciences, LUCKNOW, UTTAR PRADESH	Host Transcriptomic Signatures for Early Culture-Free Differentiation of Bacterial and Fungal Sepsis in ICU Patients
36	WS-2026-1750	Ms Bisma Gull, CSIR-Indian Institute of Integrative Medicine(CSIR-IIIM), JAMMU, JAMMU AND KASHMIR	Dicephering the Glutamate-Iron Axis in Parkinson's Disease: Investigating N-Acetylcysteine Analogues as a Metabolic Bypass for Excitotoxicity and Ferroptosis-

37	WS-2026-1464	Dr Tamalika Paul, CSIR-Indian Institute of Chemical Biology (CSIR-IICB), KOLKATA, WEST BENGAL	Driven Neurodegeneration: Targeting Hypoxia-mediated ferroptotic redox imbalance to mitigate retinal neurodegeneration in diabetic retinopathy
38	WS-2026-1538	Dr Manjula S , National Institute of Mental Health & Neuro Sciences, BENGALURU URBAN, KARNATAKA	Mitochondrial Dysfunction and Metabolic Abnormalities in Schizophrenia: A Longitudinal Study Exploring the Effects of Antipsychotics
39	WS-2026-1656	Dr Subha Bakthavatsalam , Amity University, Gautam Buddha Nagar, Uttar Pradesh	Development of imaging tools to study astrocyte–neuron iron dyshomeostasis and oxidative stress in neurodegeneration with brain iron accumulation (NBIA)
40	WS-2026-1659	Dr Neelam Gupta, King George Medical University, LUCKNOW, UP	Decoding Ferroptosis-Driven Metabolic Reprogramming to Overcome Temozolomide Resistance in Glioblastoma
41	WS-2026-1638	Dr Vandna Dhanwal, Panjab University, CHANDIGARH,	Restoring Cellular Harmony through NIR-Indium Phosphide Quantum Dot Bioconjugates via Caspase-9 Activation and X-linked Inhibitor of Apoptosis Protein Downregulation for Targeted Breast Cancer Therapy.
42	WS-2026-1736	Dr Anuradha Mishra , Narsee Monjee Institute of Management Studies, MUMBAI, MAHARASHTRA	Elucidate the role of endometrial stem cells in women with endometrial cancer
43	WS-2026-1726	Dr Pallavi Saxena , ICMR- National Institute of Child Health and Development Research, SOUTH, DELHI	Assessment of factors influencing adherence to iron and folic acid supplementation during pregnancy and its clinical impact on maternal and birth outcome.
44	WS-2026-1728	Dr Shivani Mishra , All India Institute of Medical Sciences (AIIMS) New Delhi, NEW DELHI, DELHI	Investigating Environmental Micro- and Nanoplastic-Induced Reproductive Toxicity in Male Partners of Recurrent Pregnancy Loss Couples: A Genomic, Oxidative Stress, and Biomarker-Based Study
45	WS-2026-1635	Dr Supriya Chauhan, Aligarh Muslim University, ALIGARH, UP	Economic and Patient Centered Outcomes of Early Versus Delayed Initiation of

			GLP-1 Receptor Agonists in Obese Patients with Type 2 Diabetes Mellitus- A Markov Model Analysis
46	WS-2026-1804	Dr Shivangani Mahajan , CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), JAMMU, JAMMU AND KASHMIR	Development of Marine-Derived Tris-indoles as Next-Generation Drug Lead as Broad-Spectrum Antimicrobial Agent: Synthesis, Medicinal Chemistry, and Preclinical Evaluation
47	WS-2026-1634	Dr Vishnupriya S , Regional Cancer Centre, THIRUVANANTHAPURAM , KERALA	Targeted delivery of Ulvan using functionalized liposomal nanocarriers for effective treatment of colon cancer
48	WS-2026-1601	Dr Amrita Chaudhary , Jawaharlal Nehru University, New Delhi, SOUTH, DELHI	Investigating the Therapeutic Potential and Mechanistic Pathways of Indian Monofloral Honeys in Combination with Temozolomide against Glioma Models.
49	WS-2026-1867	Dr Ankita Sindhanja, ICMR Rajendra Memorial Research Institute of Medical Sciences, PATNA, BIHAR	Evolutionary Genomics of Insecticide Resistance: QTL Inversion Interactions in <i>Aedes aegypti</i>
50	WS-2026-1509	Dr Suchi Gupta , Amrita Vishwa Vidyapeetham, FARIDABAD, HARYANA	Intranasal Exosome Approach for Parkinson's Disease: A Proteomics-Guided Neuroprotective Strategy
51	WS-2026-1541	Dr Bijoya Karmakar , National Institute of Animal Biotechnology, RANGAREDDI, TELANGANA	Development of an Integrated Multi-Epitope Antigen-VHH Fusion Based Point-of-Care Hemagglutination Platform for Rapid Detection of Human and Bovine Tuberculosis.
52	WS-2026-1774	Dr Lena Dhara , ICMR - National Institute for Research in Bacterial Infections, KOLKATA, WEST BENGAL	Mechanistic evaluation and nanoformulation-based enhancement of Azelaic Acid Derived from <i>Terminalia citrina</i> against multidrug-resistant <i>Klebsiella pneumoniae</i>
53	WS-2026-1526	Dr Priyanka Shukla , CSIR-Indian Institute of Toxicology Research (CSIR-IITR), LUCKNOW, UP	Exploring the Role of Polyfluoroalkyl Substances (PFAS) as Emerging Endocrine Disruptors in T Cell Dysregulation and Pro-Inflammatory Cytokine-Driven

			Osteoblast–Osteoclast Crosstalk in Osteoporosis
54	WS-2026-1840	Dr. Jeethy Ram T, Amrita Institute of Medical Sciences, ERNAKULAM, KERALA	Integrated Analysis of Germline Variation, Tissue-Restricted Somatic Mosaicism, and Osteogenic Pathways in Clinically Nonsyndromic Craniosynostosis
55	WS-2026-1839	Dr Afnan Quadri , All India Institute of Medical Sciences (AIIMS), SOUTH, DELHI	Deciphering the Clinical and Biological Significance of Oncofetal Mucin Protein in Hepatocellular Carcinoma
56	WS-2026-1854	Dr Jyotika Srivastava , Dr. Reddy's Institute of Life Sciences, HYDERABAD, TELANGANA	Development of a Vascularized Human Brain Organoid Model to Elucidate Blood-Brain Barrier Dysfunction and Cellular Crosstalk during Ischemic Stroke
57	WS-2026-1485	Ms Taniya Bardhan, University of Kalyani, NADIA, WEST BENGAL	Integrative Cytogenomic Profiling of Cryptic Chromosomal Rearrangements and Telomere–Shelterin Dysfunction as Drivers of Genomic Instability in Hematolymphoid Malignancies
58	WS-2026-1714	Dr Ragini , ICMR National Institute of Cancer Prevention and Research (NICPR), GAUTAM BUDDHA NAGAR, UP	A Novel Triple-Mode Strategy via FA-GQDs/Fe-MIL101 Targeting STAT3 to Improve Immunotherapeutic Efficacy in Preclinical Colorectal Cancer Models
59	WS-2026-1860	Dr Nazia Ahmad, Jamia Hamdard, SOUTH, DELHI	Deciphering alternative splicing events and functional role of novel isoforms in Alzheimer's disease pathogenesis
60	WS-2026-1551	Dr Kehkashan Parveen, , Jamia Millia Islamia, South East, DELHI	Mechanistic Evaluation of a Polyherbal Hydrogel Targeting Virulence and Antifungal Resistance in Candida-Associated Diabetic Wound Infection
61	WS-2026-1582	Dr Nida Naseem , Aligarh Muslim University, ALIGARH, UP	Repurposing of Saroglitzar and Empagliflozin for synergistic neuroprotection in Diabetic Ischemic Stroke:

			Integrated In Vitro and In Vivo Studies
62	WS-2026-1447	Dr Sriparna Pal, Banaras Hindu University, VARANASI, UP	Deciphering the therapeutic role of melatonin against prenatal Bisphenol S-induced female reproductive anomalies and adverse pregnancy outcomes

*Release of Grants would be subject to the completion of all documentary and codal formalities including ethical clearance within the time frames as applicable, the details of which would be conveyed to the selected applicants in due course.

**All grants under HRD Scheme are subject to availability of funds, acceptance of UC/SOE and progress reports from time to time, and compliance with Terms and Conditions of HRD Scheme Guidelines.

(Karmarkar Tushar Arun)
Deputy Secretary to the Govt. of India