

**ICMR-Junior Research Fellows-2018 [ICMR-JRFs-2018 (as on 21<sup>st</sup> Nov-2019)]**

S. No.	Name of the Fellow	Date of Joining	Title of the project	Guide Name	Name of ICMR institute/Medical college/University	City (State/UT)
1	Jyotsana Bhatt, E-mail: bhattjyotsana24@gmail.com, (Female/Gen)	18.09.18	Studies on regenerative potential of bone marrow derived differentiated osteoblasts and exploration of their gene expression profile in fracture healing in rabbits ( <i>Oryctolagus cuniculus</i> )	Dr. Narendra Singh Jadon, Professor, Dept. of Surgery & Radiology	G. B. Pant University of Agriculture & Technology	Pantnagar (Uttarakhand)
2	Nisha Bisth, E-mail: nisha.bisht27@gmail.com, (Female/Gen)	18.09.18	Identification of compatible synergists and its effect on vital organs of ticks infesting animals to increase the efficiency of existing less efficient chemical acaricides	Dr. Srikanta Ghosh, Principal Scientist, Division of Parasitology	ICAR-Indian Veterinary Research Institute	Izatnagar (Uttar Pradesh)
3	Kappaladeepthi, E-mail: deepthivet26@gmail.com, (Female/SC)	18.09.18	Deciphering the resiquimod induced Toll-like receptor signalling pathway in chickens	Dr. R. Saravanan, Senior Scientist, Immunology Laboratory	ICAR-Indian Veterinary Research Institute	Izatnagar (Uttar Pradesh)
4	S. Vinusari, E-mail: bbt10041@gmail.com, (Female/SC)	18.09.18	Assessment of anticancerous compounds in betelvine and optimizing its <i>in vitro</i> production and validation	Dr. Smt. R. Gnanam, Director, Centre for Plant Molecular Biology & Biotechnology	Tamil Nadu Agriculture University	Coimbatore (Tamil Nadu)

*[Handwritten Signature]*  
21/11/19

5	Ashutosh Fular, E-mail: afular@gmail.com, (Male/Gen)	18.09.18	Identification of compatible synergists and its effect on vital organs of ticks infesting animals to increase the efficiency of existing acaricides	Dr. Srikanta Ghosh, Principal Scientist, Division of Parasitology	ICAR- Indian Veterinary Research Institute	Izatnagar (Uttar Pradesh)
6	Naina Monga, E-mail: nainamonga4@gmail.com, (Female/Gen)	24.09.18	To study the pathophysiology of asthma to identify newer therapeutic targets	Dr. Amarjit Singh Naura, Associate Professor, Dept. of Biochemistry	Panjab University	Chandigarh
7	Santosh Kumar, E-mail: santhoshmunitappa@gmail.com, (Male/OBC)	19.09.18	Metagenome and metabolome profiling of milk from indigenos dairy cattle under different feeding regimens	Dr. Sunita Grover, Principal Scientist & Head, Molecular Biology Unit	ICAR- National Dairy Research Institute	Karnal (Haryana)
8	Babu Lal Saini, E-mail: vetblsaini30@gmail.com, (Male/OBC)	18.09.18	Comparative genetic analysis of inbred "Swiss albino" of different filial generation	Dr. Pushpendra Kumar, Principal Scientist, Division of Animal Genetics	ICAR- Indian Veterinary Research Institute	Izatnagar (Uttar Pradesh)
9	Sandra Roshni, E-mail: monteiro.san10@gmail.com, (Female/Gen)	18.09.18	Agency of children in enhancing to hypertension management of their hypertensive family member	Dr. Meena Hariharan, Professor, Division of Health Psychology	Central University	Hyderabad (Telangana)

*Handwritten signature and date*  
21/11/19

10	Abhinay Kumar Singh, E-mail: abhinaysingh21392@gmail.com, (Male/ Gen)	01.12.18	Studies on circulating level of inflammatory protein and their therapeutic implication in metastatic breast cancer	Dr. Sharmistha Dey, Associate Professor, Dept. of Biophysics	All India Institute of Medical Sciences	New Delhi
11	Yash Chaudhary, E-mail: yashchaudhary185@gmail.com, (Male/SC)	23.10.18	Studies on role of morbillivirus nucleocapsid protein on modulation of host immune regulatory pathways	Dr. Rajeev Kaul, Associate Professor, Dept. of Microbiology	University of Delhi (South Campus)	New Delhi
12	Ashish Singh, E-mail: 2195ashish@gmail.com, (Male/Gen)	23.10.18	Transcriptional activation of genes in cell cycle stage specific manner in <i>Leishmania donovani</i>	Dr. Swati Saha, Professor, Dept. of Microbiology	University of Delhi (South Campus)	New Delhi
13	Shilpa Mohanty, E-mail: shilpa.21century@gmail.com, (Female/Gen)	01.10.18	Development of pichia pastoris cell surface display system using native anchoring proteins for biotechnological and biomedical applications	Dr. Yogender Pal Khasa, Assistant Professor, Dept. of Microbiology,	University of Delhi (South Campus)	New Delhi
14	Kona Venkata Swathi, E-mail: konaswasthi.v@gmail.com, (Female/Gen)	31.12.18	Elucidating the role of deubiquitinases in glioma	Dr. Shasi Vardhan Kalivendi, Principal Scientist, Centre for Chemical Biology	CSIR- Indian Institute of Chemical Technology	Hyderabad (Telangana)

*Dr. Pal*  
21/11/19

15	Rajinder Kumar, E-mail: rajinder.rk01@gmail.com, (Male/Gen)	18.09.18	Histopathological and biochemical alterations in muscle and reproductive organs of cyprinus carpio exposed to organophosphorus pesticide, dichlorvos	Dr. Sushma Sharma Dean of Life Sciences, Dept. of Biosciences	Himachal Pradesh University	Shimla (Himachal Pradesh)
16	Sneha John, E-mail: sneha.john2601@gmail.com, (Female/Gen)	31.12.18	Suicide prevention and mental health intervention for students preparing for competitive entrance exams in India	Dr. Kamlesh Singh, Associate Professor, Dept. of Humanities and social Sciences	Indian Institute of Technology	New Delhi
17	Aabid Akbar Shah, E-mail: aabiclbio@gmail.com, (Male/Gen )	01.11.18	To investigate the mechanism of trastuzumab resistance in breast cancer; role of cancer stem cells.	Dr. Fayaz Ahmad Malik, Senior Scientist, Cancer Pharmacology Division	CSIR-Indian Institute of Integrative Medicine	Jammu (Jammu & Kashmir)
18	Tamanna, E-mail: tanu.tamanna6@gmail.com, (Female/Gen)	01.10.18	Isolation and characterization of biosurfactants from probiotic bacteria: Assessment of industrial applications	Dr. Navneet Batra, Associate Professor, Dept. of Biotechnology	Goswami Ganesh Dutta Sanatan Dharma College	Chandigarh
19	Prema Naitee George, E-mail: la16mpil11004@iith.ac.in, (Female/Gen)	27.12.18	Cognitive behavioural therapy (CBT) based memory and attention adaptation training (MAAT) for cognitive dysfunction in cancer patients who have received chemotherapy	Dr. M.P. Ganesh, Associate Professor, Dept. of Liberal Arts	Indian Institute of Technology	Hyderabad (Telangana)

*[Handwritten signature]*  
21/11/19

20	Pratiksha Dubey, E-mail: pratiskha.du@gmail.com, (Female/Gen)	03.01.19	Glutathione degradation as a mechanism of gene regulation	Dr. Anand K. Bachhawat, Professor, Dept. of Biological Sciences	Indian Institute of Science Education and Research	Mohali (Punjab)
21	Antara Malik, E-mail: anntaramalik24@gmail.com, (Female/SC)	20.11.18	To elucidate the roles of growth differentiation factor 15 in the pathophysiology of coronary artery disease	Dr. Indu Arora, Assistant Professor, Dept. of Biomedical Sciences	University of Delhi	Delhi
22	Chaple Ashwini Ramesh Rao, E-mail: ashwinichaple20@gmail.com, (Female/OBC)	18.09.18	Development of diagnostic techniques for schmallenberg virus by targeting nucleoprotein 'N' for studying the epidemiology of the virus in India	Dr. D. Muthuchelvan, Principal Scientist, Dept. of Biomedical Sciences	ICAR-Indian Veterinary Research Institute Mukteshwar	Nainital (Uttarakhand)
23	Deepankar, E-mail: deepankar.stat@hau.ernet.in, (Male/OBC)	19.09.18	Resampling techniques for evaluating G x E interaction in oilseed crops	Dr. B.K. Hooda, Professor, Dept. of Mathematics & Statistics	Haryana Agriculture University	Hisar (Haryana)

*Handwritten signature and date:*  
21/11/19

24	Tanya Gupta, E-mail: tanyagupta1991@yahoo.co.in, (Female/Gen)	18.09.18	Global methylation profile of cloned buffalo bulls and their respective donor bulls	Dr. M.K. Singh, Scientist, Animal Biotechnology Centre	ICAR- National Dairy Research Institute	Karnal (Haryana)
25	Vishkha Singh, E-mail: vishakhasinghdec@gmail.com, (Female/OBC)	27.12.18	Structural studies of protiens related to antibiotic resistance and explore the uses of bacteriophages as alternate to antibiotics	Dr. Pravindra Kumar, Professor, Dept. of Biotechnology	Indian Institute of Technology	Roorkee (Uttarakhand)
26	Punam Kumari, E-mail: punamk031@gmail.com, (Female/OBC)	08.01.19	Studies on the efficacy of plant mucilage reinforced proteinous biomaterials for soft and hard tissue engineering applications	Dr. M.S. Kiran, Scientist, Biological Materials Laboratory	CSIR- Central Leather Research Institute	Chennai (Tamil Nadu)
27	Kavitha U, E-mail: kavith.u@gmail.com, (Female/OBC)	27.11.18	Effects of phytochemicals on autism induced wistar rats	Dr. E. Kayalvizhi, Associate Professor, Dept. of Physiology	Meenakshi Medical College Hospital & Research Institute	Chennai (Tamil Nadu)
28	Namrata, E-mail: namratadoptimist@gmail.com, (Female/Gen)	16.01.19	Role of SIRT 3 in regulating mitophagy mediated pathogenesis of excitotoxic brain disorders	Dr. S.K. Trigun, Professor, Dept. of Zoology	Banaras Hindu University	Varanasi (Uttar Pradesh)

Handwritten signature and date: 21/11/19

29	Udayaditha MV, E-mail: adithya673@gmail.com (Male/OBC)	01.01.19	Role of ABHD hydrolases in brown adipogenesis	Dr. Sona Rajakumari, Assistant Professor, Molecular Reproduction Development	Indian Institute of Science	Bengaluru (Karnataka)
30	Shruti Gupta, E-mail: shrutigupta217@gmail.com, (Female/Gen)	18.09.18	Data analytics and pattern mining from sparse transcriptomic datasets with applications to single-cell and spheroid- based cancer profiling	Dr. Shandar Ahmad, Professor & Dean, School of Computational and Integrative Science	Jawaharlal Nehru University	New Delhi
31	Naba Sami, E-mail: nabasami786@gmail.com, (Female/Gen)	13.11.19	Neural correlates of local sleep & its association with cognition: AQEEG study	Dr. H.N. Mallick, Professor, Dept. of Physiology	All India Institute of Medical Sciences	New Delhi
32	Mohd Azeem Khan, E-mail: azeembaba22@gmail.com, (Male/OBC)	20.09.208	Discovery of small molecule inhibitors for anti-atherosclerosis therapy	Dr. Arockiasamy Arulandu, Group leader, Membrane Protein Biology Group	DBT-International Centre for Genetic Engineering and Biotechnology	New Delhi
33	Ganesh, E-mail: ganesh.hdpd@gmail.com, (Male/Gen)	18.09.18	Genome editing of buffalo mannary epithelial cells by CRISPR/Cas mediated knockout of S100A8 and S100A9 genes to understand their role in lactation	Dr. Ashok K. Mohanty, Principal Scientist, Animal Biotechnology Centre	ICAR- National Dairy Research Institute	Karnal (Haryana)

*[Handwritten signature]*  
21/11/19

34	K Aruna, E-mail: aruna.8january@gmail.com, (Female/Gen)	03.01.2019	To study the role of post-synaptic proteins in the trafficking of metabotropic glutamate receptors(mGluR)	Dr. Samarjit Bhattacharyya, Associate Professor, Dept. of Biological Sciences	Indian Institute of Science Education and Research	Mohali (Punjab)
35	Aishwaarya Kakkar, E-mail: aishwaarya.kakkar@gmail.com, (Female/Gen)	03.01.2019	To study the role of post-synaptic proteins in the trafficking of signaling of group-I (mGluR)	Dr. Samarjit Bhattacharyya, Associate Professor, Dept. of Biological Sciences	Indian Institute of Science Education and Research	Mohali (Punjab)
36	Kalaiselvi V, Email: <a href="mailto:drkalai1626@gmail.com">drkalai1626@gmail.com</a> , (Female/Gen)	26.02.2019	* Pending	Dr. Manoj Kumar, Assistant Professor, Centre for Public Health	Panjab University	Chandigarh
37	Shikha Raghav, E-mail: shikharaghav05@gmail.com, (Female/Gen)	15.01.2019	Structural and functional analysis of factors involved in flagellation pattern in <i>Pseudomonas aeruginosa</i>	Dr. Deepti Jain, Associate Professor, Dept. of Biotechnology	Regional Centre of Biotechnology	Faridabad (Haryana)
38	Rashmi Sharma, E-mail: rashmivhpe@gmail.com, (Female/Gen)	03.01.2019	Genetic variation and health impacts of <i>Taenia solium</i> cysticercosis	Dr. Rabinder Singh Aulakh, Director & Head, School of Public Health and Zoonoses	Guru Angad Dev Veterinary and Animal Sciences University	Ludhiana (Punjab)

\*Synopsis pending as fellow on maternity leave till 22.12.2019

*Dr. Arun*  
21/11/19



39	Anirban Roy, E-mail: anirbanroy2404@gmail.com, (Male/Gen)	31.12.2018	Uncovering the functions of bromodomain containing proteins ATAD2A	Dr. Babu Sudhmalla, Assistant Professor, Dept. of Biological Sciences	Indian Institute of Science Education and Research	Kolkata (West Bengal)
40	Shabu, E-mail: shabuthakur535@gmail.com, (Female/ST)	03.01.2019	Discovery of bacterial metabolites or its synergistic combination as cancer/cancer immunotherapeutic agents	Dr. Shashank Singh, Principal Scientist, Cancer Pharmacology	CSIR-Indian Institute of Integrative Medicine	Jammu (Jammu & Kashmir)
41	Tarun Kumar, E-mail: tarungautam@gmail.com, (Male/Gen)	03.01.2019	Divulging Immunomodulatory role of vitamins, prebiotics and tryptophan in host microbe interaction	Dr. N.S. Chauhan, Assistant Professor, Dept. of Biochemistry	Maharishi Dyanand University	Rohtak (Haryana)
42	Vaibhav Kumar Nain, E-mail: vaibhavkn@gmail.com, (Male/Gen)	01.01.2019	Understanding the role of a hypothetical protein RV1331 in <i>Mycobacterium tuberculosis</i>	Dr. Nisheeth Agarwal, Associate Professor, Dept. of Biochemistry	Translational Health Science & Technology Institute	Faridabad (Haryana)
43	Sunny Sachdeva, E-mail: drsunnyschdeva05@gmail.com, (Male/Gen)	01.01.2019	Evaluation of risk factors, bone densitometry and bone turnover markers for prediction of fractures in elderly population of Chandigarh	Dr. Mandeep Dhillon, Professor & Head, Dept. of Orthopedics	Postgraduate Institute of Medical Education & Research	Chandigarh
44	Yadav Sangeeta Muthyalaiyah, E-mail: yssangeetha@gmail.com, (Female/OBC)	01.04.2019	Role of vitamin D advanced glycation end products (AGEs) induced gene expression in colon cancer	Dr. A. Sumathy, Professor & head, Dept. of Biomedical Sciences	Sri Ramachandra Institute of Higher Education & Research	Chennai (Tamil Nadu)
45	Sindhuja Sudarshan, E-mail: sudarshan.sindhuja@gmail.com, (Female/Gen)	01.01.2019	Blended internet based and face-to-face intervention of depression	Dr. Seema Mehrotra, Professor, Dept. of Clinical Psychology	National Institute of Mental Health and Neuro Sciences	Bengaluru (Karnataka)

*[Handwritten Signature]*  
27/1/19

46	Arvind Gupta, E-mail: arvindgupta295@gmail.com, (Female/OBC)	10.01.2019	Identification and characterization of short protein fragments/peptides with anti-diabetic property	Dr. Jimut kanti Ghosh, Senior Principal Scientist, Division of Molecular & Structural Biology	CSIR-Central Drug Research Institute	Lucknow (Uttar Pradesh)
47	Pragya Bharti, E-mail: pragya.777sharma@gmail.com, (Female/OBC)	10.01.2019	A study on the role of Lipid metabolism in vascular cells in hypersensitive state	Dr. Kashif Hanif, Senior Scientist, Division of drug Pharmacology	CSIR-Central Drug Research Institute	Lucknow (Uttar Pradesh)
48	Sanghivi Prachi Bhavesh, E-mail: sanghivprachi@hotmail.com, (Female/Gen)	17.02.2018	Development and pilot evaluation of multi-component help-seeking intervention for non-treatment seeking distressed young adults	Dr. Seema Mehrotra, Professor, Dept. of Clinical Psychology	National Institute of Mental Health and Neuro-Sciences	Bengaluru (Karnataka)
49	Anish Tamang, E-mail: anishsang78@gmail.com, (Male/ST)	14.01.2019	Studies on modulation of picrosides biosynthesis during begomovirus infection in picrorhiza kurroa: A himalayan medicinal herb	Dr. Vipin Hallan, Senior Principal Scientist, Division of Biotechnology	CSIR-Institute of Himalayan Bioresource Technology	Palampur (Himachal Pradesh)
50	Rohit Kundu, E-mail: rohitkundu334@gmail.com, (Male/Gen)	18.09.2018	Modeling of tuberculosis through structural equations and bayesian approach	Dr. Om parkash Sheoran, Professor, Dept. of Math & Statistics	Chaudhary Charan Singh University	Hisar (Haryana)
51	Priyanka Nagar, E-mail: priyankanagar09@gmail.com, (Female/OBC)	18.09.2018	Examining the functional link between chromatin state and <i>Candida albicans</i> pathogenesis	Dr. K Natarajan, Professor & Dean, School of life sciences	Jawahar Lal Nehru University	New Delhi

21/11/19

52	Ayushi Rastogi, E-mail: aayushirastogi060194@gmail.com, (Female/Gen)	04.01.2019	Situational analysis of national viral hepatitis control program(NVHCP) in 3 States of India	Dr. Umesh Kapil, Professor, Dept. of Epidemiology & Clinical Research	Institute of Liver and Biliary Sciences	New Delhi
53	Shumaila Bano, E-mail: sbano0019@gmail.com, (Female/Gen)	19.07.2019	Proteome profiling of exosomes isolated from urine of kidney stone formers as biomarkers	Dr. Chandardeep Tandon, Professor & Director, Dept. of Biotechnology	Amity University	Noida (Uttar Pradesh)
54	Soumyajit Biswas, E-mail: sb.biswas4@gmail.com, (Male/Gen)	01.07.2019	Functional characterization of human telomerase reverse transcriptase in cancer progression	Dr. Utpal Ghosh, Associate Professor of Biophysics, Dept. of Biochemistry	University of Kalyani	Kalyani (West Bengal)
55	Yashpal Singh, E-mail: ysyashpalsingh20@gmail.com, (Male/Gen)	01.03.2019	Cognitive abilities and scholastic achievement of adolescent school students in relation to nutrition, physical activity, home and school environment	Dr. Davinder Singh, Associate Professor & Head, Dept. of Psychology	Guru Nanak Dev University	Amritsar (Punjab)
56	Nishi Singh, E-mail: nishisinghndri1807@gmail.com, (Female/Gen)	01.01.2019	Migration studies of chemical additives of food packaging polymers into milk and ghee	Dr. Bimlesh Man, Principal Scientist, Division of Dairy Chemistry	ICAR- National Dairy Research Institute	Karnal (Haryana)
57	Heisnam Rameshwari Devi, E-mail: ramekak92@gmail.com, (Female/SC)	19.08.2019	Extraction and molecular study of natural compounds from plants and cyanobacteria for their anticancer activity	Dr. Nanaocha Sharma, Scientist-E, Dept. of Biological Chemistry	DBT-Institute of Bioresources of Sustainable Development	Imphal (Manipur)

*Handwritten signature*  
21/11/19

58	Sabheccha Baidya, E-mail: baidya.ethane@gmail.com, (Male/Gen)	12.07.2019	Studying structure function relationship of metallo-B-lactamase(MBL)	Dr. Saugata Hazra, Assistant professor, Dept. of Biotechnology	Indian Institute of Technology	Roorkee (Uttarakhand)
59	Prathma Talukdar, E-mail: prakashtalukdar30@gmail.com, (Female/Gen)	30.07.2019	Mechanistic understanding of transcriptional regulation by human AF9 and its associated factors	Dr. Debabrata Biswas, Principal Scientist, Molecular and Human Genetics Division	CSIR-Indian Institute of Chemical Biology	Kolkata (West Bengal)
60	Priyanka Basak, E-mail: priyankabasak61@gmail.com, (Female/SC)	28.08.2019	Carbapenem resistance in gut flora	Dr. Sulagna Basu, Scientist - E, Division of Bacteriology	ICMR-National Institute of Cholera and Enteric Diseases	Kolkata (West Bengal)
61	Souradeep Biswas, E-mail: don.razordon@gmail.com, (Male/SC)	11.09.2019	Evaluation of the chemotherapeutic efficacy of rutin during metastasis by targeting emt and anoikis	Dr. Prosenjit Saha, Head, Dept. of Cancer Chemoprevention	Chittaranjan National Cancer Institute	Kolkata (West Bengal)
62	Savitesh Kushwaha, E-mail: savitesh.sunny@gmail.com (Male/Gen)	25.07.2019	Role of gene-nutrient interaction in progression of pre-diabetes and type 2 diabetes mellitus: An intervention study among north Indian diabetic patients	Dr. Poonam Khanna, Assistant Professor, Dept. of Community Medicine	Postgraduate Institute of Medical Education & Research	Chandigarh
63	Angira Saha, E-mail: angira.sparks4@gmail.com, (Female/SC)	29.08.2019	Structural and biophysical characterization of secretion system proteins from pathogenic bacteria	Dr. Saumen Datta, Principal scientist, Structural Biology & Bioinformatics	CSIR-Indian Institute of Chemical Biology	Kolkata (West Bengal)
64	S. Udaykant, E-mail: mail2udaykanth@gmail.com, (Male/SC)	17.09.2019	Role of vitamin B12 in diabetic neurodegeneration	Dr. G. Bhanu Prakash Reddy, Scientist-E, Dept. of Biochemistry	ICMR-National Institute of Nutrition	Hyderabad (Telangana)

Handwritten signature and date: 21/11/19

65	Prolay Halder, Email: prolayhalder1993@gmail.com, (Male/Gen)	11.09.2019	Immunogenicity and efficacy studies of typhoidal <i>Salmonella</i> immunogen in animal models	Dr. Hemanta Koley, Scientist-E, Division of Bacteriology	ICMR-National Institute of Cholera and Enteric Diseases	Kolkata (West Bengal)
66	Ishfaq Ahmad Baba, Email: <a href="mailto:babaishfaq55@gmail.com">babaishfaq55@gmail.com</a> , (Male/Gen)	09.01.2019	Effect of substance abuse on differential NF-K8 signaling in HIV-1C	Dr. Ranga Uday Kumar, Professor, Molecular Biology & Genetic Unit	Jawaharlal Nehru Centre for Advanced Scientific Research	Bengaluru (Karnataka)
67	Pooja, Email: pdhir5114@gmail.com, (Female/Gen)	27.07.2019	Association of SCNIA genetic variants with autonomic tone, cerebral hemodynamics, and electroencephalographic spectral parameters in children with dravet syndrome	Dr. Jitendra Kumar Sahu, Additional Professor, Dept. of Pediatrics	Postgraduate Institute of Medical Education & Research	Chandigarh
68	Gautam Prasad, Email: biochem.lko1@gmail.com, (Male/SC)	05.10.2019	Micro RNA in prostate cancer: functional role as non-invasive Biomarker	Dr. M. Kaleem Ahmad, Associate Professor, Dept. of Biochemistry	King George's Medical College	Lucknow (Uttar Pradesh)
69	Josephine Pradhan, Email: proshnii28@gmail.com, (Female/Gen)	27.07.2019	Antimicrobial resistance in <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i>	Dr. C.R. Girish Kumar, Scientist-E & Head, Division of Laboratory	ICMR- National Institute of Epidemiology	Chennai (Tamil Nadu)

*[Handwritten Signature]*  
27/7/19