



सीएसआईआर-कोशिकीय एवं आणविक जीवविज्ञान केंद्र, उप्पल रोड, हब्सिगुड़ा, हैदराबाद 500007 तेलंगाणा
CSIR-CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY, Uppal Road, Habsiguda, Hyderabad 500 007 Telangana

Notification Number: CSIR-CCMB/Feb 2022 Date: 10.02.2022

Applications are invited from the eligible Indian National for temporary position(s) on contractual basis as indicated hereunder. Candidates who fulfill the criteria should apply online at www.ccmb.res.in

Last date to submit application through online : 17th February 2022

For any technical problem while submitting the online application, may contact recruitment.ccmb@nic.in

Project Code & Title	Name of Project Investigator	Name of post	Post Code	Number of positions-Area	Essential Qualification	Desirable / Job description	Upper Age limit	Duration of project up to
MLP0163 Role of Mitochondria in the Innate Immune Response to SARS-CoV-2 Infection	Dr. Krishnan H Harshan	Project Associate-I	010222	02-Virology	Master's Degree in Life Sciences or bachelor's degree in Biotechnology from a recognized University or equivalent	The selected candidate is expected to perform molecular biology, cell biology and virology experiments. This involves handling of infectious pathogens including SARS-CoV-2, DENV, JEV and HCV in a Biosafety laboratory. Prior knowledge in	35 years	31.03.2023

						handling human viruses is required. Knowledge of molecular biology and cell biology experiments is also required		
MLP0121 Towards product development in rice using mutants that have traits of agronomic importance – Phase-II	Dr. Hitendra Kumar Patel	Senior Project Associate	020222	01-Bio informatics	Master's Degree in Life Sciences/ Genetics & Plant Breeding/ Biotechnology/ Botany/ Biochemistry or bachelor's degree in Biotechnology from a recognized University or equivalent AND Four years research experience in the relevant field (Bioinformatics/ Marker-Assisted Selection) OR Doctoral Degree in Life Sciences/ Bioinformatics from a recognized University or equivalent	Experience in SNP discovery, differential gene expression analysis, mutation mapping, Experience in NGS data analysis, Experience in handling DNA and RNA sequencing data for genome assembly, and gene annotation. AND proficiency in computational languages viz. Python/R/Perl/bash/C/ C++ is highly desirable, with relevant publications.	40 years	31.03.2023
			030222	01-Marker Assisted Selection	Research experience in crop plants [preferably rice (<i>Oryza</i>			

						<p><i>sativa</i>]): marker-assisted selection /mutation breeding/ development and validation of molecular markers, with relevant publications.</p>		
	Project Associate-I	040222	01-Bio informatics	<p>Master's Degree in Agriculture/ Life Sciences/ Genetics and Plant Breeding/ Biotechnology/ Botany/ Biochemistry/ Bioinformatics or bachelor's degree in</p>	<p>Analysis of DNA and RNA sequencing data and/or proficiency in computational languages viz. Python/R/Perl/bash/C/ C++</p>	35 years		
		050222	05-Molecular plant breeding in rice	<p>Biotechnology from a recognized University or equivalent</p>	<p>Research experience in crop plants [preferably rice (<i>Oryza sativa</i>)]: molecular plant breeding (crossing), plant molecular biology/ plant biotechnology /Phenotypic and molecular characterization/ marker-assisted selection/ disease phenotyping/ development and</p>			

						validation of markers		
MLP0007 Efficient genome editing in indica rice (<i>Oryza sativa</i>); towards enhanced disease tolerance and improved agronomic traits	Dr. Hitendra Kumar Patel	Senior Project Associate	060222	01-Rice genome editing	Master's Degree in Life Sciences/ Genetics & Plant Breeding/ Biotechnology/ Botany/ Biochemistry or bachelor's degree in Biotechnology from a recognized University or equivalent AND Four years research experience in the relevant field (Genome editing in crop plants preferably rice) OR Doctoral Degree in Life Sciences from a recognized University or equivalent.	Hands on experience in genome editing in rice: designing guide RNAs, tissue culture, transformation, and handling of transgenic rice, with relevant publications	40 years	31.03.2023
CSIR Bhatnagar Research project Archaeo-genomics in the Reconstruction of the Population History of South Asia	Prof. Vasant Shinde	Senior Project Associate	070222	01- Anthropology & Ancient DNA studies	Master's Degree in Life Sciences/ Biotechnology or bachelor's degree in Biotechnology from a recognized University or equivalent AND Four years research experience in the relevant field (Anthropology &	research experience in relevant field (Anthropology & Ancient DNA studies)	40 years	01.11.2023

					Ancient DNA studies) OR Doctoral Degree in Life Sciences/ Biotechnology			
		Project Associate-I	080222	01- Anthropology & Ancient DNA studies	Master's Degree in Life Sciences/ Biotechnology/Anthropology/ Ancient DNA studies or bachelor's degree in Biotechnology from a recognized University or equivalent		35 years	
GAP0453 Centre of Excellence on Molecular Machinery of Plasmodium: Signaling, Autophagy and Ubiquitin Proteasome System (UPS)	Dr Puran Singh Sijwali	Project Associate-I	090222	01	Master's Degree in Life Sciences/ Biotechnology or bachelor's degree in Biotechnology from a recognized University or equivalent	Selected candidate is expected to investigate the roles of ubiquitin proteasome system of malaria parasites, which include standard molecular biology, cell biology and genetic manipulation approached.	35 years	04.04.2022
MLP0148 Functions and adaptive reconfiguration of autophagy in malaria parasites			100222	01	Master's Degree in Life Sciences/ Biotechnology or bachelor's degree in Biotechnology from a recognized University or equivalent	Selected candidate is expected to investigate the roles of autophagy system of malaria parasites, which will include standard	35 years	31.03.2023

						molecular biology, cell biology and genetic manipulation approached.		
HCP0023 Sickle Cell Anaemia Mission – Phase-II	Dr Giriraj Ratan Chandak	Project Assistant	110222	01-Computer applications	B.Sc. in Computers / 3 years Diploma in Computer applications	1 year experience in hospital related work / Clinical informatics / Statistical analysis. Job Description: The person will need to enter highthroughput data from the surveys which include demographic and clinical data. Also to conduct quality control analysis, generation of reports and preliminary statistical analysis of the data.	50 years	31.03.2023
		Senior Project Associate	120222	01-Moecular Biology	Master’s Degree in Natural Sciences or bachelor’s degree in Engineering or Technology or Medicine from a recognized University or equivalent AND Four years experience in	Experience in molecular biology / cloning and expression / functional characterization / high throughput expression analysis. Job Description: The person is expected to	40 years	

					<p>Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services</p> <p>OR</p> <p>Doctoral Degree in Science/ Engineering / Technology / Pharma/ MD/ MS from a recognized University or equivalent</p>	<p>conduct high throughput OMIC data analysis and perform functional characterization through in vitro approaches using human cell lines and/or animal models, conduct pathway analysis to understand biological relevance of functional differences in the phenotype.</p>		
		Senior Project Associate	130222	01- Bioinformatics & Biostatistics	<p>Master's Degree in Natural Sciences or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent</p> <p>AND</p> <p>Four years experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities</p>	<p>Any of the following</p> <p>a) Experience in analysis of high throughput genomic data including Next Generation Sequencing based data. Should be well versed with Linux/bash/command line interface and have the ability to create and modify custom pipelines for data analysis. Experience</p>	40 years	31.03.2023

					<p>and services</p> <p>OR</p> <p>Doctoral Degree in Science/ Engineering / Technology / Pharma/ MD/ MS from a recognized University or equivalent</p>	<p>with analysis of population level genomic data, clinical genomics, dw novo genome assembly, etc. will be considered favorably OR</p> <p>b) Experience in bioinformatics and biostatistical analysis of large datasets with specific reference to human genomic, transcriptomic and methyome data.</p> <p>Job Description: The person is expected to perform bioinformatic and statistical analysis of high throughput OMIC data, especially genomic and epigenomics data generated from human subjects. Also expected to develop approaches as well as investigate the biological role of</p>		
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						statistically significant OMIC differences in influencing human phenotypes.		
GAP0576 Metabolic Regulation of Fungal Morphogenesis	Dr Sriram Varahan	Project Associate-I	140222	01-Molecular Biology, Microbial Genetics & Metabolism	Master's Degree in Life Sciences or bachelor's degree in Biotechnology from a recognized University or equivalent.	Research experience of minimum one year from reputed academic institutions. Job Description: the candidates will be expected to carry out basic molecular biology work including basic molecular cloning and basic yeast genetics experiments. The candidates will be trained to perform bright-field and fluorescence microscopy. They will also be trained in techniques like western blotting and biochemical estimation of metabolites.	35 years	31.03.2023

						The candidates should have experience in performing basic molecular biology techniques like PCR and should also have a basic understanding of metabolism and microbial genetics.		
MLP0142 Molecular Basis of Evolutionary Divergence in RNAi initiation.	Dr Mandar V Deshmukh	Project Associate-I	150222	01	Master's Degree in Life Sciences or bachelor's degree in Biotechnology from a recognized University or equivalent.	The selected candidate is expected to perform experiments in biochemistry, molecular biology, structural biology, RNA Biology and Biophysics. Prior knowledge in handling basic biochemistry/biophysics with molecular biology is required.	35 years	31.03.2023
HCP0023 Sickle Cell Anaemia Mission – Phase-II	Dr Swasti Raychaudhuri	Project Associate-I	160222	01	Master's Degree in Natural Sciences or bachelor's degree in Engineering or Technology or Medicine	Experience in proteomics experiments and data handling/biostatistics/database searching/	35 years	31.03.2023

					from a recognized University or equivalent.	scripting in Python		
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Name of Position	Monthly Emoluments
Project Assistant	₹ 20,000/- p.m. + HRA as applicable/admissible
Project Associate-I	(i) ₹ 31,000/- p.m. + HRA as applicable/admissible to Scholars who are selected through (a) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) ₹ 25,000/- p.m. + HRA as applicable/admissible for others who do not fall under (i) above.
Project Associate-II	(i) ₹ 35,000/- p.m. + HRA as applicable/admissible to Scholars who are selected through a process as mentioned 3(i) above (ii) ₹ 28,000/ p.m. + HRA as applicable/admissible for others who do not fall under (i) above.
Senior Project Associate	₹ 42,000/- p.m. + HRA as applicable/admissible

General terms and conditions:

1	How to apply	Candidates who fulfill the criterion to fill up the ONLINE APPLICATION format by clicking on the following link.....
2	Number of posts	Director, CCMB reserves the right to increase/decrease the number of positions and also cancel the recruitment process for the positions mentioned above at any stage of the recruitment process. The decision of the Director, CSIR-CCMB will be final and binding.
3	Age relaxation	Age relaxation as per CSIR/Govt. of India guidelines. Age will be calculated as on the last date of receipt of online applications.

4	Awaiting result/ Pursuing degree	Those candidates who are still pursuing/ awaiting result for their degree M.Sc./ B.Tech./ PhD or any other qualification for the above post(s) as on the date of application will not be considered.
5	Eligibility criterion	Candidate should note that non-fulfillment of the eligibility criterion will result in cancellation of candidature at any stage
6	Experience	The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications prescribed for that post.
7	Screening of applications	The applicants will be subjected to short listing by CCMB scientists/designated committee according to the current requirement and the candidate's shortlisted for interview will be displayed on CCMB website.
8	Selection procedure	The candidate(s) shortlisted by CCMB scientists/designated committee have to appear for interview in person/online before the Selection Committee. The date, time and venue of the test/interview will be notified in due course through email only.
9	Result / Panel for waitlisted candidate	Based upon the performance of candidates in the interview, result of selected candidates against the number of post available in the project for each post code, will be declared and posted on CCMB website. A panel of waitlisted candidates in order of merit will also be formed for each post code, which will be valid for one year. The panel may be operated on the recommendation of Project Investigator for meeting out any future requirement in the project arises due to resignation of incumbent/ non-joining of selected candidates/ further unforeseen/urgent requirement of project manpower for the same position in same project.
10	Engagement	The engagement shall be initially for a short duration based on availability of funds which may be extended or curtailed based on the conduct and the performance of the incumbent as well as requirement of the institute. However, the engagement will not be beyond the tenure of the project and shall expire automatically on the expiry of project tenure, in which candidate has been selected. The engagement under projects does not confer any right/claim whatsoever, either explicitly or implicitly on the appointee for regular appointment in CSIR/CCMB, against any post or otherwise under any legal conditions or precedent.
11	Leave	The incumbent would not be entitled to any kind of regular leave. However, they would be allowed for one-day Leave for each completed month.
12	TA/DA	No TA/ DA admissible for attending test/interview, joining the position.
13	Office timings/ Working hours	The incumbent is required to perform the assigned duties during working hours i.e. from 9:30 AM to 6:00 PM on working days. The incumbent will not be allowed to take up any other assignment during the period of

		engagement. He /She may be required to work on Saturday/Sunday/other Gazetted holidays and beyond working hours also if need be.
14	Tax deduction at source	The Income Tax or any other tax liable to be deducted, as per the prevailing rules will be deducted at source before effecting the payment.
15	Confidentiality of data and documents	The Intellectual Property Rights (IPR) of the data collected as well as the deliverables produced for the office shall remain with this office. No one shall utilize or publish or disclose or part with, to a third party, any part of the data or statistics or proceedings or information collected for the purpose of this assignment or during the course of assignment for the office, without the express written consent of the office. The incumbent shall be bound to hand over the entire set of records of assignment to the Office before the expiry of the contract, and before the final payment is released by the office.
16	Termination of Service	The performance of project personnel would be reviewed periodically so that candidates not found up to the mark, could be terminated. The engagement may be terminated at any time by the office without assigning any reasons by giving a one month notice. In case, the person desires to leave the assignment, he/she may also do so by giving one month notice or payment of one month stipend in lieu of, which can be condoned/ curtailed/ extended depending upon the discretion of the Competent Authority.
17	DISCLAIMER	Candidates who are applying for any of the above post shall ensure that they fulfill the essential qualifications. If they apply without fulfilling the essential qualifications then it will be considered that they are giving wrong/misleading information. The ONUS OF THIS ACTION WILL BE ON THE CANDIDATE and not on the Institute. In case they are found not fulfilling the essential criteria or that they have provided misleading information, then their candidature for the post may be rejected at any stage of selection or after selection.
18	Disqualification	Canvassing in any form and / or bringing any influence political or otherwise will be treated as a disqualification for the post.

Controller of Administration