



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: 0522 Date: 10.05.2022

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: 25 May 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
MLP 0140 Organoid Models for Biomedical Research Applications	Dr. B Kiran Kumar	Project Associate-I	010522	01- Cell Biology	Master's Degree in Natural Sciences or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent.	Handling stem Cell cultures, molecular Biology techniques	35	31.03.2025
MLP140 Organoid Models for Biomedical Research Applications	Dr. P Chandra Shekar	Project Associate-II	020522	01- Molecular and cell biology	Master's Degree in Biotechnology/ Life Sciences from a recognized University or equivalent, with 2 years minimum work experience in a research	Selected candidate is expected to work in project involving cell Stem cell biology, and self-organization of stem cells to into organs or embryo like	35	31.03.2025

					laboratory.	structures. Prior experience in handling Cell culture, fluorescence microscopy and/or genome editing is desirable.		
MLP0121-PhaseII Towards product development in rice using mutants that have traits of agronomic importance – Phase-II	Dr. Hitendra Kumar Patel	Project Associate-I	030522	01- Bioinformatics	Master's Degree in Bioinformatics or B.Tech degree in Bioinformatics from a recognized University or equivalent	Analysis of DNA and RNA sequencing data and/or proficiency in computational languages viz. Python/R/Perl/bash/C/ C++	35	31.03.2023
GAP 477 Role of non-coding RNAs in cardiovascular diseases	Dr. Regalla Kumaraswamy	Project Associate-I	040522	01- Molecular biology	Master's Degree in life sciences from a recognized University or equivalent	M Sc in Biochemistry/ Biotechnology/ Molecular biology with prior research experience in cell and molecular biology will be preferred.	35	31.12.2022
TSP05	Dr. A S Sreedhar	Project Assistant	050522	01- General Administration and Human Resources Management	Bachelor's degree in any discipline from a recognized university.	B.Sc in Computer Sciences with Master of Business Administration in Human Resource Management and more than 5 years of	50	31.03.2023

						experience in handling works related to PhD students' selections, training and staff recruitment in any university or academic institution or research institute, preferably.		
GAP 0578 Understanding how trait-based coordination of shade- and drought-tolerance regulates seedling dynamics in fragmented wet tropical forests	Dr. Meghna Krishnadas	Senior Project Associate	060522	01- Ecology, wildlife biology, botany, ecophysiology	PhD degree in Ecology, Wildlife Biology, Botany or related field from a recognized University or equivalent	<ul style="list-style-type: none"> - Demonstrated track record of publications - Fieldwork experience of at least two years in plant ecology and/or trait ecology - Ability and strong interest in taxonomic identification of plants - Strong quantitative skills and proficiency with data analysis in Program R - Excellent communication and time-management skills - Strong work ethic and independent project management abilities - Ability to work in 	40	31.03.2025

						<p>remote locations and tough conditions</p> <ul style="list-style-type: none">- Experience using Bayesian models <p>Job description: This project aims to assess how plant functional traits explain inter-species variation in seedling response to light and water availability, and link findings to habitat fragmentation and global change. The postdoctoral researcher will manage field teams, conduct vegetation census, collect environmental data, help with functional traits assessment, collate and analyze data, and prepare manuscripts for publication in peer-reviewed journals.</p>		
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		Project Associate I	070522	01- Ecology, wildlife biology, botany, ecophysiology	MSc degree in Ecology, Wildlife Biology, Botany, Life Sciences or related field from a recognized University or equivalent	<p>Previous work experience of having led research teams in the field.</p> <ul style="list-style-type: none"> - Fieldwork experience of at least six months in plant ecology and/or trait ecology - Ability and strong interest in taxonomic identification of plants - Familiarity with Program R - Excellent communication and time-management skills - Strong work ethic and ability to work in remote locations and tough conditions <p>Job description: This project aims to assess how plant functional traits explain inter-species variation in seedling response to light and water availability, and link</p>	35	
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						findings to habitat fragmentation and global change. The associate will assist with vegetation census, plan parts of fieldwork, collect data on environment and functional traits, and regularly collate and manage data.		
MLP2105 CSIR multi-centric long term T cell immune monitoring for COVID-19 (PoV-CoV)	Dr. Santosh Kumar	Project Associate-I	080522	01- Cell biology and Immunology	Master's Degree in Life Sciences from a recognized University or equivalent	Cell culture and/or flow cytometer	35	30.04.2023
GAP0583 Transcriptional control of Axon Growth in the Nervous System	Dr.Ishwariya Venkatesh	Project Associate-I	090522	01- Molecular Biology, Neuroscience, Genomics, Bioinformatics	Master's Degree in any area of Life Sciences from a recognized University or equivalent.	To thrive in this position, the candidates need to have research experience of minimum 1 year in fundamental understanding of Molecular Biology. Knowledge of basic concepts in Neuroscience and/or	35	01.05.2023

						mouse model system experience is appreciated.		
GAP0555 Systematic assembly of SARS-CoV-2 full-length and subgenome cDNA clones	Dr. Krishnan H Harshan	Project Associate-I	100522	01- Molecular Virology, Cell Biology, Molecular Biology	Master's Degree in Life Sciences from a recognized University or equivalent	M.Sc/ B.Tech in Molecular Virology, Cell Biology, Molecular Biology will be preferred. The staff is required to work in biosafety level-3 (BSL-3) laboratory to assist in various studies pertaining to SARS-CoV-2 infection	35	28-10-2022
GAP0584 Biometric hydrogel for the treatment of blinding corneal diseases	Dr. B Kiran Kumar	Project Associate-I	110522	01- Animal handling, immunostaining	Master's Degree in Life Sciences from a recognized University or equivalent	Cell based techniques	35	31.03.2025
HCP-23 CSIR – Sickle Cell Anaemia Mission – Phase II	Dr. Giriraj Ratan Chandak	Project Assistant	120522	01- Hospital related work/ clinical informatics/ statistical analysis	BSc (Computers)/ BCA/ PGDCA	Experience in clinical and epidemiological data entry, quality cleaning and statistical analysis of such data, generation of tables, charts, reports, etc. with special reference to human genetic	50	31.03.2023

					diseases.		
		Project Associate-I	130522	01- Molecular biology work including genomics, expression analysis, statistical and bioinformatic analysis, especially with reference to human system.	Master's Degree in Natural Sciences or Bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent	Experience in molecular biology with special reference to human and medical genetics and genetic disorders.	35
		Project Associate-II	140522	01- Molecular biology work including genomics, expression analysis, statistical and bioinformatic analysis, especially with reference to human system.	Master's Degree in Natural Sciences or Bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent. AND Two years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and	Experience in molecular biology, generation and analysis of high throughput genomic, methylomic and transcriptomic data, especially on human subjects	35

					Scientific activities and services			
		Project Manager	150522	<p>01- Cohort and follow-up studies, data entry and analysis and molecular biology expertise with special reference to generation and analysis of high throughput OMIC data on human subjects.</p>	<p>Doctoral Degree in Science or Master's Degree in Engineering or Technology from a recognized University or equivalent with 20 years of experience in relevant field.</p>	<p>The applicant is expected to have a working experience of handling big project involving epidemiological studies and their coordination, collection of patient data, sample collection, coordination with various centers and collation of all the data at one place. The person should have an experience of working with multiple PIs at multiple centers on projects related to population health, disease surveillance, preparation of reports and white paper based on results from surveys. The person should also have an experience of molecular biology</p>	<p>Minimum age of 45 years</p>	

						<p>techniques with special reference to genomics and proteomic techniques.</p> <p>Job description: The person will be recruited under CSIR – Sickle Cell Anaemia Mission which is a multi center project involved in field studies, family charting, collection of clinical data and performing genetic testing and plasma studies. The individual is expected to coordinate with other centers, conduct genetic testing and supervise data analysis and troubleshooting for any difficulty.</p>		
		Project Scientist – I	160522	01- Molecular biology with special reference to generation	PhD in Medical Biotechnology/Biotechnology/ Biochemistry/ Microbiology/ Life Sciences/	<p>Experience of handling field studies and organizing camps and training workshops.</p> <p>Experience in cohorts</p>	35	

				and analysis of high throughput OMIC data on human subjects.	Biomedical Engineering from a recognized University.	related work, in generating high throughput data using NGS technologies and performing bioinformatic and statistical analysis. System-based analysis of next generation sequencing data and assimilate with clinical, biochemical, metabolomic data to draw meaningful conclusions related to disease susceptibility, preferably in Sickle cell Anemia. Focusing on epidemiology of monogenic and/or complex disorders like sickle cell anemia and understanding the genetic susceptibility of various traits/complex phenotypes.		
		Project Scientist – II	170522	01- Molecular biology with special	PhD in Medical Biotechnology/Biotechnology/ Biochemistry/	Experience of handling field studies and organizing camps and	40	

				reference to generation and analysis of high throughput OMIC data on human subjects.	Microbiology/ Life Sciences/ Biomedical Engineering from a recognized University AND 3 years' experience in cohorts related work, in generating high throughput data using NGS technologies and performing bioinformatic and statistical analysis.	training workshops. System-based analysis of next generation sequencing data and assimilate with clinical, biochemical, metabolomic data to draw meaningful conclusions related to disease susceptibility, preferably in Sickle cell Anemia. Focusing on epidemiology of monogenic and/or complex disorders like sickle cell anemia and understanding the genetic susceptibility of various traits/complex phenotypes.		
		Senior Project Associate	180522	01- Molecular biology with special reference to generation and analysis of high throughput OMIC data on	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	Any of the following a) Experience in analysis of high throughput genomic data such as Next Generation Sequencing based data. Should be well versed with	40	

				<p>human subjects</p>	<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>Linux/bash/command line interface, and have the ability to create and modify custom pipelines for data analysis.</p> <p>OR</p> <p>b) Good programming knowledge with proficiency in at least one language such as C, C++, R, Python, JS, or Perl, as demonstrated by publications or github profile or other code repositories.</p> <p>Experience with analysis of population level genomic data, clinical genomics, de novo genome assembly, cancer genomics, or metagenomics will be considered favorably</p> <p>OR</p> <p>c) Experience in a NGS wet lab with</p>		
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						various library preparation techniques including whole genomes, exomes, other targeted panels and RNA seq and in handling NGS machines from vendors like Illumina, Thermofisher, Pacbio, etc		
MLP0143 Quality control of regulatory complex Biogenesis	Dr. Swasti Raychaudhuri	Project Associate-II	190522	01-Cell Biology and proteomics	Master's Degree in Natural Sciences or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent and 2 years experience in R&D in industrial or academic institutions or science and technology organisations and scientific activities and services.	Experience in confocal microscopy, proteomics, primary neuron isolation and culture	35	31.03.2023
MLP0167 Wastewater based epidemiological monitoring of	Dr. Archana B Siva	Senior Project Associate	200522	01- Bioinformatics	(i) Master's Degree in Natural Sciences or Bachelor's degree in Engineering or	Any of the following a) At least two years of experience in analysis	40	31.03.2023

<p>SARS-CoV-2 Virus and Antibiotic Resistant Bacteria in Maharashtra</p>					<p>Technology or Medicine from a recognized University or equivalent AND (ii) Four years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services OR i) Doctoral Degree in Science / Engineering / Technology/ Pharma/ MD/ MS from a recognized University or equivalent</p>	<p>of high throughput genomic data such as Next Generation Sequencing based data b) Good programming knowledge with proficiency in at least one language such as C, C++, R, Python, JS, or Perl, as demonstrated by publications or github profile or other code repositories c) Should be well versed with Linux/bash/command line interface, and have the ability to create and modify custom pipelines for data analysis d) Experience with analysis of population level genomic data, clinical genomics, de novo genome assembly, cancer</p>		
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						genomics, or metagenomics will be considered favourably. Development of computational tools/algorithms/data visualization		
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Name of Position	Monthly Emoluments
Project Assistant	₹ 20,000/- p.m. + HRA as applicable/admissible (Increment of 15% for 3 Years of experience with maximum ceiling of 4 such revisions i.e, upto 12 Years of experience).
Project Associate-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 in (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
Project Scientist-I	₹ 56,000/- p.m. + HRA as applicable/admissible (Increment of 5% for every 2 Years of experience subject to performance review)
Project Scientist-II	₹ 67,000/- p.m. + HRA as applicable/admissible (Increment of 5% for every 2 Years of experience subject to performance review)

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