

RECRUITMENT NOTICE NO. : THS/RN/24/2022

Dated 3rd June 2022

RECRUITMENT NOTIFICATION (Walk-in Interview)

1. Translational Health Science and Technology Institute (THSTI) is an autonomous Institute of the Department of Biotechnology, Ministry of Science and Technology, Govt. of India. The institute is an integral part of the interdisciplinary NCR Biotech Science Cluster located at Faridabad, and is designed as a dynamic, interactive organization with the mission to conduct innovative translational research and to develop research collaborations across disciplines and professions to translate concepts into products to improve human health.
2. THSTI has built several inter-institutional collaborations and connectivity with industry supported by well-trained teams of research and laboratory staff. This foundation has helped pursuit of thematic research programmes broadly categorized as, (a) Infectious diseases and Immunology (b) Maternal and child health, (c) Non communicable disease d) Multidisciplinary clinical and translational research. These are strengthened by the four core facilities viz. Small Animal Facility, Data Management Center, Biorepository and Bioassay Laboratory that serve as huge resources for the research programmes of THSTI, and also the National Capital Region Biotech Science Cluster and other academic and industrial partners.
3. This recruitment is to fill up the vacancies under the following projects:

S. No.	Project Code	Name of the project
1.	01	Translational Research Program (TRP)
2.	02	Epidemic preparedness through rapid vaccine development: support of Indian vaccine development aligned with the global initiative of the Coalition for Epidemic Preparedness Innovations (CEPI)

Educational Qualification and Experience required for the post:

S. No.	Name of the post/ Monthly consolidated emoluments/ Age limit /No. of Post/Project Code/ Date of Interview	Minimal Qualifications and Experience	Job description/ responsibilities/field of experience
1.	i) Principal Scientist-II Rs. 1,92,000/- 55 years	MD or M.Tech or equivalent or Ph.D or corresponding degree in any area of Life Sciences/ Medical Sciences from a recognized university with at least seven years of post-qualification research experience in the relevant field.	<ul style="list-style-type: none"> • The incumbent will be responsible to lead a research team for the development of novel vaccine candidates against human viruses (Influenza, Dengue, SARS-CoV-2 etc)

<p>ii) Principal Scientist-I</p> <p>Rs. 1,50,000/-</p> <p>55 years</p> <p>Five posts (both (i) + (ii))</p> <p>Project Code-01</p> <p>Walk-in interview date – 20th June 2022 at 9 AM</p>	<p>MD or M.Tech or equivalent or Ph.D or corresponding degree in any area of Life Sciences/ Medical Sciences from a recognized university with at least five years of post-qualification research experience in the relevant field.</p>	<ul style="list-style-type: none"> • The incumbent will be responsible to establish animal models and assays to support R & D for human viruses • The candidate should have strong research skills in virology, protein and structural biology to delineate virus-host structure function relationship. • The candidate should be able to identify his/her top deliverables, finalize projects to achieve results whilst assuming personal responsibility for outcomes. • The candidate should have strong oral and written communication skills, and is proficient in preparing and running national and international grants and interacting across teams of scientists to move projects towards the clinic. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • The incumbent will be responsible to perform experiments to solve the three dimensional structure of various Mycobacterium tuberculosis proteins in complex with various small molecule inhibitors. • The incumbent will be responsible to study interaction of small molecules with target proteins using computational methods and biophysical techniques. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • The incumbent will be responsible to work on interphase of epidemiology and state of the art “omic” platforms for complex diseases including preterm birth, fetal growth restriction, young infant sepsis and linear growth • The incumbent will be responsible to expand the scope of integrative,
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			<p>multi-disciplinary research in maternal and child health by developing innovative research questions and obtaining extramural funding to sustain the programme.</p> <ul style="list-style-type: none"> • The incumbent will be responsible to initiate and conduct data analysis that integrates clinical and biological data from large studies.
2.	<p>Senior Research Scientist</p> <p>Rs. 1,25,000/-</p> <p>45 years</p> <p>Three posts</p> <p>Project Code-01</p> <p>Walk-in interview date – 23rd June 2022 at 9 AM</p>	<p>MD or M.Tech or equivalent or Ph.D or corresponding degree in any area of Life Sciences/ Medical Sciences from a recognized university with at least three years of post-qualification research experience in the relevant field.</p>	<p>Experience in:</p> <ul style="list-style-type: none"> • Utilization of metabolomics and lipidomics approaches in nonalcoholic fatty liver disease. • Operation and troubleshooting of orbitrap LCMS instrument. • Omics data analysis, building metabolite library, and the use of multivariate data analysis in biomarker discovery is a must. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • Working with highly pathogenic viruses like MERS, • SARS and SARS-Co2 at BSL3/ABSL3 facility. • Establishing high containment facility for viruses, • Preparing guidelines and SOPs for regulatory clearances. • Multicentric study with industry partners and academic institutions for antiviral and vaccine development. • Development and establishment of SARS-CoV-2 virus assays. • IS/ISO/IEC 17025:2017 certification for the General Requirements for the Competence of Testing and Calibration Laboratories. <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • Working on interphase of epidemiology and state of the art “omic” platforms for complex diseases including preterm birth,

			<p>fetal growth restriction, young infant sepsis and linear growth.</p> <ul style="list-style-type: none"> Supervising data collection, coordinate between laboratory & clinical population groups. Conduct data analysis that integrates clinical and biological data from large studies
3.	<p>Research Scientist</p> <p>Rs. 1,00,000/-</p> <p>40 years</p> <p>One post</p> <p>Project Code-01</p> <p>Walk-in interview date – 17th June 2022 at 9 AM</p>	<p>MD or M.Tech or equivalent or Ph.D or corresponding degree in any area of Life Sciences/ Medical Sciences from a recognized university with at least one year of post-qualification research experience in the relevant field.</p>	<p>Experience in:</p> <ul style="list-style-type: none"> Molecular biology techniques like DNA extraction, PCR, Cloning and sequencing. Biochemical methods like ELISA, protein purification, western blotting would be preferred. Expertise in recombinant protein purification, biochemical and/or biophysical assays and molecular biology are required. Handling animals and microbiology techniques. Tissue culture work, RNA work, RT-PCR etc.
4.	<p>Research Scientist (Data Management Centre)</p> <p>Rs. 1,00,000/-</p> <p>40 years</p> <p>One post</p> <p>Project Code-01</p> <p>Walk-in interview date –22nd June 2022 at 9 AM</p>	<p>Ph.D or corresponding degree in any area of Computer application/ Computer science/ Medical Sciences/ Life Sciences or equivalent from a recognized university with at least one year of post-qualification research experience in the relevant field.</p> <p>OR</p> <p>Post graduate degree in Computer application/ Computer science/ Medical Sciences/ Life Sciences or equivalent from a recognized University with atleast six year of post qualification work experience in clinical data science and/ or data management</p> <p>Essential:</p> <ul style="list-style-type: none"> Experience of working in a research or healthcare environment Experience of working across a range of interventional and observational study designs An understanding of clinical trials methodology 	<ul style="list-style-type: none"> The candidate should have comprehensive understanding of Best practices for clinical data management and working experience of data sharing and the Data Protection guidance. The candidate must have sound knowledge of SQL and relation database concepts.

		<ul style="list-style-type: none"> • Experience of Electronic Data Management Systems 	
5.	<p>Senior Clinical Investigator</p> <p>One post</p> <p>Rs. 96,000/-</p> <p>40 years</p> <p>Project Code 02</p> <p>Walk-in interview date – 20th June 2022 at 9 AM</p>	<p>MD or equivalent or PhD in Life Sciences/ Veterinary Science/ Microbiology/ Biotechnology or relevant branch with basic degree as MBBS/BDS/BVSc from a recognized University with minimum four years of post-qualification experience in the relevant field.</p>	<p>Senior Clinical Investigators is required for the first-in-human safety studies and overseeing the regulatory aspects of early stage vaccine development which will be conducted in collaborations with THSTI partners. He/She will also work with the technical managers at the PMU to provide support for pre-clinical testing and clinical assay development.</p>
6.	<p>Senior Technical Officer (Bioassay laboratory)</p> <p>Two posts</p> <p>Rs. 91,000/-</p> <p>35 years</p> <p>Project Code 02</p> <p>Walk-in interview date – 16th June 2022 at 9 AM</p>	<p>PG Professional degree in Life Sciences with six years of post-qualification experience in a GLP/NABL-accredited biomedical laboratory dealing with vaccines and biologicals</p> <p>OR</p> <p>PG degree in Life Sciences with seven years of post-qualification experience in a GLP/NABL-accredited biomedical research laboratory dealing with vaccines and biologicals</p> <p>*In the case of PhD candidates, the tenure of PhD will not be considered as post-qualification experience.</p> <p>Essential experience: Animal cell culture, virus isolation, virus neutralization and serological assays.</p> <p>Desirable experience: Knowledge of assay establishment, validation for accreditation and for regulatory clearance of vaccines and diagnostics.</p>	<p>The incumbent will be responsible for:</p> <ul style="list-style-type: none"> • To deal with assays for vaccine development and licensure in a GLP setting compliant with Quality Management systems (ISO 17025:2017). • Laboratory management, accreditation processes, standard laboratory safety and procedures in bioassay laboratory. • To train other laboratory staff members, learn new technical skills, perform established assays. • Will contribute towards developing and validating new assays.
7.	<p>Senior Technical Officer (Scientific Communication & IPR)</p> <p>One post</p>	<p>PG Professional degree in Life Sciences with six years of post-qualification experience.</p> <p>OR</p> <p>PG degree in Life Sciences with seven years of post-qualification experience</p>	<ul style="list-style-type: none"> • Excellent written communication skills and thorough understanding of a translational health research setting, • Experience in news and feature writing,

	<p>Rs. 85,000/-</p> <p>35 years</p> <p>Project Code 01</p> <p>Walk-in interview date – 20th June 2022 at 9 AM</p>		<ul style="list-style-type: none"> • Prior experience of handling all the social media communication tools, • Handling all aspects of internal and external communication and ensure that all web based content is in line with the Institute's branding strategy • Dealing with all IPR and other regulatory related matters of the institute
8.	<p>Technical Officer- II (Bioanalytical Drug Metabolism and Pharmacokinetics)</p> <p>One post</p> <p>Rs. 75,000/-</p> <p>30 years</p> <p>Project Code- 01</p> <p>Walk-in interview date – 17th June 2022 at 9 AM</p>	<p>PG degree in Life Sciences with four years of post-qualification experience in the field of LCMS operation and handling in a reputed bioanalytical lab involved in DMPK studies.</p> <p>OR</p> <p>PG Professional degree in Life Sciences with three years of post-qualification experience in the field of LCMS operation and handling in a reputed bioanalytical lab involved in DMPK studies.</p>	<ul style="list-style-type: none"> • Candidate must have prior experience of: • 3 year on LCMS operation and handling including calibrations and day to day trouble shooting in a reputed bioanalytical lab. • 2 years of providing bioanalytical support to pharmacokinetic and drug metabolism as well as drug distribution studies. • Development, validation and qualification of HPLC and LCMS methods for new molecules as well as known drugs for qualitative and quantitative analysis. This includes but not limited to analytical trouble shooting; data generation, compilation, report preparation; Lab note book, record keeping; SOP writing. • Processing biological samples such as plasma, serum, tissues for drug quantification studies using HPLC and LCMS.
9.	<p>Technical Officer- II (Bioassay Lab)</p> <p>One post</p> <p>Rs. 75,000/-</p> <p>30 years</p> <p>Project Code- 01</p>	<p>PG degree in Life Sciences with four years of post-qualification experience in animal cell culture techniques, establishment of assays such as ELISA, molecular assays and virus neutralization assays.</p> <p>OR</p> <p>PG Professional degree in Life Sciences with three years of post-qualification experience in animal cell culture techniques, establishment of assays</p>	<p>The incumbent will be responsible for:</p> <ul style="list-style-type: none"> • Cell-culture-based assays, virus neutralization assays, molecular and serological assays. • Validation of assays and performance of assays for, regulatory clearance of diagnostics and vaccines.

	Walk-in interview date – 16 th June 2022 at 9 AM	such as ELISA, molecular assays and virus neutralization assays. Desirable: Experience of working in GLP/NABL-accredited biomedical research laboratories or in a national/international research institute.	
10.	Technical Officer- II (Medicinal Chemistry) One post Rs. 75,000/- 30 years Project Code- 01 Walk-in interview date – 17 th June 2022 at 9 AM	MSc or M.Pharma in organic chemistry or equivalent with four years of post-qualification professional experience in synthetic organic chemistry or medicinal chemistry. A professional experience of working in a reputed synthetic organic chemistry lab is must.	<ul style="list-style-type: none"> • The incumbent will work on various medicinal chemistry projects. • The candidate is expected to plan and execute synthetic organic chemistry reactions for designed molecules. He/she should be proficient in literature search, handling various types of reagents and performing various types of air and moisture sensitive chemical reactions. • The candidate should be well versed with various purification techniques as well as analytical techniques such as NMR spectroscopy and mass spectrometry. • The candidate is also expected to work on data/report compilation on weekly basis.
11.	Technical Officer- I One post Rs. 60,000/- 30 years Project Code- 01 Walk-in interview date – 17 th June 2022 at 9 AM	PG degree in Life Sciences with three years of post-qualification experience in the relevant field. OR PG Professional degree in Life Sciences with two years of post-qualification experience in the relevant field.	<ul style="list-style-type: none"> • A strong background (and publication record) in molecular modelling, structural bioinformatics. • Research experience in the Molecular Dynamics Simulation and Computational drug discovery projects. • Familiarity with molecular modelling and visualization packages (e.g. NAMD, AMBER, Gromacs, Schrodinger, Cresset), good analytical and communication skills. • Good knowledge of organic chemistry. • Coding or scripting experience (e.g. Python, PERL or C/C++) will be preferable.

Interested candidates fulfilling the criteria as mentioned above may walk-in for written test/skill test/interview at THSTI, NCR Biotech Science Cluster, 3rdMilestone, Faridabad-Gurugram Expressway, Faridabad - 121001

NOTE: The candidates must bring their latest resume, one set of photocopy of documents in support of their educational qualification and experience along with originals and a valid ID card for verification. Candidates coming after the time slot mentioned will not be entertained.

GENERAL TERMS & CONDITIONS:

1. These are short-term positions and extension will be granted subject to satisfactory performance of the incumbents and tenure of the project for which they are selected. Those appointed to these positions will not have any claim for regularization of their employment.
2. All educational, professional and technical qualification should be from a recognized Board/University.
3. The experience requirement specified shall be experience acquired after obtaining the minimum educational qualifications required for the post.
4. The age limit, qualification, experience and other requirements may be relaxed at the discretion of the competent authority, in case of candidates who are otherwise suitable. In case candidates are not found suitable for the posts notified, they can be offered lower post / lower emoluments on the recommendation of the Selection Committee.
5. Age and other relaxations for direct recruits and departmental candidates: 1. By 5 years for candidates belonging to SC/ST communities. 2. By 3 years for candidates belonging to OBC communities. 3. For Persons with Benchmark Disabilities (PwBD) falling under the following categories: (i) UR - 10 years , ii) OBC - 13 years (iii) SC/ST - 15 years 4. For Ex-servicemen upto the extent of service rendered in defence forces (Army, Navy & Air force) plus 3 years provided they have put in a minimum of 6 months attested service. 5. Age is relaxable for Government servants up to 5 years in accordance with the instructions or orders issued by the Central Government, from time to time. 6. There is no upper age limit for the Institute employees who are treated as departmental candidates.
6. Number of positions may vary depending upon the requirement at the time of interview.
7. All results/notifications will only be published on our website. Therefore, the candidates should visit THSTI website regularly.
8. All communications will only be made through email.
9. Canvassing wrong in any form will be a disqualification.

(M.V.Santo)
Head-Administration

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