

NATIONAL UNIVERSITY OF MEDICAL SCIENCES

SITUATIONS VACANT

National University of Medical Sciences (NUMS) is a Federal Public Sector University, with primary responsibility to promote and achieve excellence in advanced health education, research and service delivery.

NUMS is seeking applications from Pakistani national of high caliber, self-motivated and reflective professionals having excellent interpersonal communications skills for NRPJ Project of HEC :-

Sr #	Name of Post (s)	Project Title	Qualification & Experience	No of Vacancies	Max Age on Closing
Department of Biological Sciences (DBS) – HEC Funded Projects					
1.	Research Assistant	“Functional Metagenomics based-engineering of the human gut microbiome: a safe, sustainable, and economical alternative to conventional microbiome transplantation and probiotics”	Qualification and Eligibility: <ul style="list-style-type: none"> BS/ MS/ MPhil in Biological Sciences (Preferably in Microbiology & Molecular Biology, Biotechnology, Biochemistry or any other relevant fields). Experience: <ul style="list-style-type: none"> Candidate should have enough experience in molecular Biology (Gene cloning and DNA analysis) and bacterial culturomics. Knowledge and experience in mice handling, histopathological analysis, RT-PCR, molecular cloning. NGS based microbial community/ microbiome data analysis and gut microbiome is a plus. Pay Packages: <ul style="list-style-type: none"> Rs. 77,777/- Duration of Contract: <ul style="list-style-type: none"> For (03) years subject to yearly renewal on satisfactory performance. For more details, please visit: www.numspak.edu.pk	1	40 Years
2.	PhD Studentship		Qualification and Eligibility: <ul style="list-style-type: none"> PhD enrolled in Biological Sciences (Preferably in Microbiology & Molecular Biology, Biotechnology, Biochemistry or any other relevant fields). Experience: <ul style="list-style-type: none"> Candidate should have enough experience in molecular Biology (Gene cloning and DNA analysis) and bacterial culturomics. Knowledge and experience in mice handling, histopathological analysis, RT-PCR, molecular cloning. NGS based microbial community/ microbiome data analysis and gut microbiome is a plus. Pay Packages: <ul style="list-style-type: none"> Rs. 40,000/- Duration of Contract: <ul style="list-style-type: none"> For (03) years subject to yearly renewal on satisfactory performance. For more details, please visit: www.numspak.edu.pk	1	40 Years
3.	Undergraduate Studentship		Qualification and Eligibility: <ul style="list-style-type: none"> BS enrolled in Biological Sciences (Microbiology & Immunology) at NUMS. Candidate should have basic knowledge of various bacteriological techniques including culturing bacteria and maintaining bacterial/ microbiological cultures. Undergraduate student will mainly be involved in helping other project team in their experimental work. Pay Packages: <ul style="list-style-type: none"> Rs. 12,000/- Duration of Contract: <ul style="list-style-type: none"> For (06) months only. For more details, please visit: www.numspak.edu.pk	1	25 Years

General Conditions

- Interested applicants can apply ONLINE through NUMS' job portal i.e. <http://careers.numspak.edu.pk/>.
- Last date for submission of applications is **4th Sept 2023**. Incomplete applications shall be rejected.
- For more details please visit: www.numspak.edu.pk

**Director Human Resource,
NUMS Secretariat, C/O Pak Emirates Military Hospital (PEMH), The Mall, Rawalpindi Cantt.
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Department of Biological Sciences (DBS) – HEC Funded Projects					
1	Undergraduate Studentship	“Development of multipurpose Synthetic Microbiome Based Transplant (SMT) to recover Gut Microbiome Dysbiosis ”	<u>Qualification and Eligibility:</u> <ul style="list-style-type: none">• BS (Enrolled) in Biological Sciences (Microbiology & Immunology) at NUMS. Suitable candidate should have basic knowledge of various bacteriological techniques including culturing bacteria and maintaining bacterial/ microbiological cultures. <u>Pay Packages:</u> <ul style="list-style-type: none">• For Candidates enrolled in BS Program = Rs. 10,000/- <u>Duration of Contract:</u> <ul style="list-style-type: none">• For (06) Six Months Only For more details, please visit: www.numspak.edu.pk	1	25 Years

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Department of Biological Sciences (DBS) – HEC Funded Projects					
1	MS Studentship	“Assessment of FMD virus like particle (VLP) as potential vaccine candidate for FMD recombinant vaccine: A strategy towards remodeling of FMD vaccine in Pakistan”	Qualification and Eligibility: <ul style="list-style-type: none"> MS enrolled in Biological Sciences with BS in Biological Sciences (Microbiology, Virology, Immunology, Biotechnology, Veterinary Sciences or equivalent) from HEC recognized university. NUMS enrolled students will be given preference Pay Packages: <ul style="list-style-type: none"> Rs. 30,000/- Duration of Contract: <ul style="list-style-type: none"> For (8) Months only. For more details, please visit: www.numspak.edu.pk	1	35 Years
2	PhD Studentship		Qualification and Eligibility: <ul style="list-style-type: none"> PhD enrolled in Biological Sciences with MS/ MPhil in Biological Sciences (Microbiology, Virology, Immunology, Biotechnology, Veterinary Sciences or equivalent) from HEC recognized university. NUMS enrolled students will be given preference. Experience of molecular cloning, protein expression, in-vitro and in-vivo analysis will be an added advantage. Scholar who has completed course work will be preferred. Pay Packages: <ul style="list-style-type: none"> Rs. 50,000/- Duration of Contract: <ul style="list-style-type: none"> For 8 Months, extendable for further two years on satisfactory performance. For more details, please visit: www.numspak.edu.pk 	1	40 Years

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Sr #	Name of Post (s)	Project Title	Qualification & Experience	No of Vacancies	Max Age on Closing
Department of Biological Sciences (DBS) – HEC Funded Projects					
1	MS Studentship	“Reversal of multidrug resistance by nano-carrier based chemo-photothermal and molecular targeted therapy in hepatocellular carcinoma”	Qualification and Eligibility: <ul style="list-style-type: none"> MS enrolled in Biological Sciences with BS/ MSc in Biological Sciences (Molecular Biology Biotechnology, Pharmacy) or equivalent from HEC recognized university. NUMS enrolled students will be given preference. Pay Packages: <ul style="list-style-type: none"> Rs. 16,000/- Duration of Contract: <ul style="list-style-type: none"> For (01) year only. For more details, please visit: www.numspak.edu.pk	1	35 Years
2	PhD Studentship		Qualification and Eligibility: <ul style="list-style-type: none"> PhD enrolled in Biological Sciences with MS/ MPhil in Biological Sciences (Molecular Biology Biotechnology, Pharmacy) or equivalent from HEC recognized university. NUMS enrolled students will be given preference. Pay Packages: <ul style="list-style-type: none"> Rs. 40,000/- Duration of Contract: <ul style="list-style-type: none"> For (01) year extendable for further two years on satisfactory performance. For more details, please visit: www.numspak.edu.pk	1	40 Years
3	Research Assistant		Qualification and Eligibility: <ul style="list-style-type: none"> MS/ MPhil in Biological Sciences (Molecular Biology Biotechnology, Pharmacy) or equivalent from HEC recognized university. Experience <ul style="list-style-type: none"> Prior experience / research in cancer/ cell structure and animal handling and experience in nanoscience will be preferred. Pay Packages: <ul style="list-style-type: none"> Rs. 80,000/- Duration of Contract: <ul style="list-style-type: none"> For (01) year, extendable for further two years on satisfactory performance. For more details, please visit: www.numspak.edu.pk	1	40 Years

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Sr .#	Name of Post (s)	Project Title	Qualification & Experience	No of Vacancies	Max Age on Closing
Department of Biological Sciences (DBS) – HEC Funded Projects					
1	MS Studentship	“Antimicrobial Peptides from Marine Sponges Against Multi Drug Resistant Bacteria (AMP – MDR)”	<p>Qualification and Eligibility:</p> <ul style="list-style-type: none"> MS (Enrolled) in Biological Sciences with BS in Microbiology/ Allied Health Sciences at NUMS. Suitable candidates for MS (studentship) should have secured admission in NUMS MS programs. <p>Experience</p> <ul style="list-style-type: none"> MS enrolled in Biological Sciences with extensive experience in culturing microbes, microbial characterization, DNA extraction and purification. <p>Pay Packages:</p> <ul style="list-style-type: none"> For Candidates enrolled in MS Program = Rs. 24,000/- <p>Duration of Contract:</p> <ul style="list-style-type: none"> For (01) Year Only <p>For more details, please visit: www.numspak.edu.pk</p>	1	35 Years
2	PhD Studentship		<p>Qualification:</p> <ul style="list-style-type: none"> PhD (Enrolled) in Biological Sciences with MS in Microbiology. Suitable candidates for PhD (studentship) should have secured admission in NUMS. <p>Experience</p> <ul style="list-style-type: none"> PhD enrolled in Biological Sciences with extensive experience in culturing microbes, microbial characterization, experience of protein expression and purification. <p>Pay Packages:</p> <ul style="list-style-type: none"> For Research Assistant Rs. 48,000/- <p>Duration of Contract:</p> <ul style="list-style-type: none"> For (01) Year extendable for further one year on satisfactory performance. <p>For more details, please visit: www.numspak.edu.pk</p>	1	40 Years

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Sr .#	Name of Post (s)	Project Title	Qualification & Experience	No of Vacancies	Max Age on Closing
Department of Biological Sciences (DBS) – HEC Funded Projects					
1	MS Studentship	“Screening and Development of salivary Biomarkers Signatures for early stage diagnosis of Lung Cancer”	Qualification and Eligibility: <ul style="list-style-type: none"> MS enrolled in Biological Sciences with BS in Biological Sciences (Microbiology, Biotechnology, Biochemistry). NUMS enrolled students will be given preference. Pay Packages: <ul style="list-style-type: none"> Rs. 16,000/- Duration of Contract: <ul style="list-style-type: none"> For (01) year only. For more details, please visit: www.numspak.edu.pk	1	35 Years
2	PhD Studentship		Qualification and Eligibility: <ul style="list-style-type: none"> PhD enrolled in Biological Sciences with MS/ MPhil in Biological Sciences (Molecular Biology Biotechnology, Microbiology). NUMS enrolled students will be given preference. Pay Packages: <ul style="list-style-type: none"> Rs. 48,000/- Duration of Contract: <ul style="list-style-type: none"> For (01) year, extendable for further two years on satisfactory performance. For more details, please visit: www.numspak.edu.pk	1	40 Years

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Sr .#	Name of Post (s)	Project Title	Qualification & Experience	No of Vacancies	Max Age on Closing
Department of Biological Sciences (DBS) – HEC Funded Projects					
1	MS Studentship	“Development of multitarget pan-serotype inhibitors of Dengue infection”	<u>Qualification and Eligibility:</u> <ul style="list-style-type: none">MS enrolled in Biological Sciences. NUMS enrolled students will be given preference. <u>Pay Packages:</u> <ul style="list-style-type: none">Rs. 24,000/- <u>Duration of Contract:</u> <ul style="list-style-type: none">For (01) year only. For more details, please visit: www.numspak.edu.pk	1	35 Years

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Department of Biological Sciences (DBS) – HEC Funded Projects					
1	BS Studentship	“Bio refinery and sequential process for production of sustainable energy carriers and bioactive compounds with zero waste resource management”	Qualification and Eligibility: BS (Enrolled) in Biological Sciences at NUMS. Suitable candidates for BS (studentship) should have secured admission in NUMS undergraduate programs. Preference will be given to students of 8 th semester. Pay Packages: For Candidates enrolled in BS Program = Rs. 15,000/- Duration of Contract: For (06) Months Only For more details, please visit: www.numspak.edu.pk	3	25 Years
2	MS Studentship		Qualification and Eligibility: MS (Enrolled) in Biological Sciences at NUMS. Suitable candidates for MS (studentship) should have secured admission in NUMS undergraduate programs. Pay Packages: For Candidates enrolled in MS Program = Rs. 31,700/- Duration of Contract: For (01) Year Only For more details, please visit: www.numspak.edu.pk	1	35 Years
3	Research Assistant		Qualification: <ul style="list-style-type: none">MS/ M Phil degree (Biological Sciences) from HEC recognized University/ Institution. Experience <ul style="list-style-type: none">Should have hands on expertise in biofuel production and analysis. Pay Packages: <ul style="list-style-type: none">For Research Assistant Rs. 55,000/- Duration of Contract: <ul style="list-style-type: none">For (01) Year extendable for further one year on satisfactory performance. For more details, please visit: www.numspak.edu.pk	2	40 Years

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Department of Biological Sciences (DBS) – HEC Funded Projects					
1	MS Studentship	“The interplay of Genetic Variability & TB Susceptibility”	Qualification and Eligibility: <ul style="list-style-type: none">MS enrolled in Biological Sciences with BS in Biological Sciences. Experience in relevant research will be preferred. Pay Packages: <ul style="list-style-type: none">Rs. 16,000/- Duration of Contract: <ul style="list-style-type: none">For 10 Months only. For more details, please visit: www.numspak.edu.pk	1	35 Years

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