



All India Institute of Medical Sciences, Bhubaneswar

Sijua, Post- Dumduma, Bhubaneswar 751019

AIIMS/BBSR/T/EMF/Physio/2023-24/134

Date: 25th July 2025

WALK- IN-INTERVIEW

Eligible candidates are invited to attend WALK-IN INTERVIEW for the post of **“Junior Research Fellow (JRF)”** sanctioned under LSRB project entitled **“Gender based association of basal metabolic rate and erythrocyte channel omics with metabolic acidosis and heat illness severity in Indian population”**, under Dr Kalpana Barhwal, Department of Physiology, AIIMS, Bhubaneswar on **8th September 2025**

The essential qualifications, experience, fellowship and service tenure are as under:

| | |
|------------------------------------|---|
| Project Name and Project ID | Gender based association of basal metabolic rate and erythrocyte channel omics with metabolic acidosis and heat illness severity in Indian population |
| Project Duration | Project duration is 1.8 years. Initial appointment will be on contract basis for 06 months and based on performance, extension will be granted for 1 year at a time, till closure of the project |
| Resource Requirement | 01 (One) |
| Upper age limit | 30 years as on the date of interview |
| Education | Masters in Science (M.Sc.)/M.Tech. |
| Essential qualification | M.Sc./M.Tech in Life Sciences /Physiology/Bio-Medical Sciences/Zoology/Biochemistry/Biotechnology/Neurophysiology/ Allied Sciences/Allied subjects with at least 55% of the aggregate marks in the qualifying examinations. |
| Desirable qualification | Valid NET and GATE score |
| Key Skills | Biochemical measurements, expertise in proteomics (SDS PAGE, western blot), genomics (RT-PCR, mRNA studies), polymorphism studies, immunocytochemistry, etc. Ability to communicate in English, Hindi and Oriya |
| Job Title | Junior Research Fellow (JRF) |
| Location | AIIMS, Bhubaneswar |
| Proposed Salary | Rs 37,000/- + HRA (For NET/GATE qualified candidates) |

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|------------------------------------|--|
| Core Responsibilities | <ul style="list-style-type: none"> • To collect blood samples from nearby districts of Odisha • To obtain anthropometric and BMR data • Expertise in proteomics and genomics (western blot, RT-PCR, Co-IP, CHIP, etc) • Expertise in immunocytochemistry, single nucleotide polymorphism (SNP) studies |
| Date and Venue of interview | 08th September 2025 at 10:00 AM Room No 38 Department of Physiology, Ground Floor, Academic Block, AIIMS, Bhubaneswar |
| Project Investigator | Dr Kalpana Barhwal, Department of Physiology, AIIMS, Bhubaneswar Email: physio_kalpana@aiimsbhubaneswar.edu.in |

How to apply?

Interested candidates may appear for walk-in interview. Candidates should bring duly filled application form (As per the prescribed Performa) and all original certificates of educational qualifications, experience certificate along with a passport size photo and set of self-attested photocopies of all documents at the time of interview.

Terms and conditions

1. These are tenure vacancies under funded project and are not employment on AIIMS Bhubaneswar pay roll. Employment will be automatically terminated upon completion of the project and there is no liability for permanent employment on AIIMS, Bhubaneswar or Principal Investigator. Also, the candidates have no right to claim permanent employment based on this job.
2. AIIMS, BBSR deserves the right to terminate the fellowship with a prior notice of 1 month if performance is not satisfactory.
3. Selected candidates with valid NET- JRF will be considered for enrolment to Ph.D programme (as and when advertised) subject to fulfilment of eligibility criteria.
4. Selected candidates may have to undergo training at AIIMS, Bhubaneswar.
5. No TA/DA will be paid for attending this Walk-in-Interview.
6. All other terms and conditions will be regulated by the guidelines as issued by SERB & AIIMS Bhubaneswar.

Contact information

Principal Investigator

Dr Kalpana Barhwal

Additional Professor

Department of Physiology

AIIMS, Bhubaneswar, Odisha-751019

Email physio_kalpana@aiimsbhubaneswar.edu.in

Mob No: 9438884026

Application Form

1. Name of the Post Applied for :
2. Name of the Project :
3. Name in Full (block letters) :
4. Fathers/Husbands Name :
5. Mothers Name :
6. Guardian Name and Phone No. :
7. Address for Correspondence : with Phone Number & Email ID
8. Permanent Address :
9. Date of Birth :
10. Whether SC/ST/OBC/General :
11. Marital Status : Married/Unmarried
12. **Educational Qualifications:**

AFFIX
PHOTO

| Sl. No. | Exam Passed | Grade | Year of Passing | Board/University | Specialization |
|---------|-------------|-------|-----------------|------------------|----------------|
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13. Work Experience:

| SL. No. | Period | | Post Held and Scale of Pay | Name of the Employer | Reason for Leaving |
|---------|--------|----|----------------------------|----------------------|--------------------|
| | From | To | | | |
| | | | | | |
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| | | | | | |

14. Employment exchange details (if available): No..... Exchange.....
15. If selected what period would you require for joining the post:
16. Have you ever been declared unfit by a medical board/court.....Yes/No.....
for appointment in any government service? If yes, details.....

DECLARATION

I hereby declare that the particulars furnished in this form by me are true to the best of my knowledge and belief.

Place:

Date:

Signature of the Candidate