



Advt for selection of junior research Fellow for DBT funded project dated: 08/02/18

Applications are invited for the positions of junior research fellow under the Department of Biotechnology, (DBT) Government of India, sponsored research project entitled, **“Study on the role of TLR4 signalling in breast cancer progression”**

Brief Description of Project:

Tumor immunity and ecology is one of the highly demanding area for cancer research. Toll like receptors play an important role in the regulation of immune responses to the tumor micro- environment . PI's laboratory has been working on the relation of different Toll Like Receptors in the tumor micro-environment and metastasis. In the present project, interplay among the different signalling molecules and cytokines at the tumor micro-environment and stem cell niche will be investigated. The research fellow will have to conduct experiments on *in vitro* cell culture, gene expressions, flow cytometric analysis, gene silencing, and other advance molecular biological work in this challenging research area .

Duration: 3 years from the date of the initiation of the project or tenure of the project, whichever is earlier.

Qualification:

Essential: (i) Post graduate degree in Zoology, Biotechnology, Biochemistry or life science or allied subjects with more than 60% marks or 6.5 CGPA. Or Appropriate Post graduate Degree in professional course. **Desirable:** (i) NET/BET/ GATE/JAM/ICMR – JRF /SET or Burdwan university PhD entrance test, or any equivalent research entrance test (RET) from recognize university (ii) Experience of Project work/ term paper on cancer or related areas.

Emoluments: (i) Rs 25,000 +HRA per month and other benefit as per applicable (for initial 2 years) (ii) Rs. 28,000+HRA per month and other benefit as per applicable (after 2 year with successful progress of the work).

Age: Not more than 28 years at the time of submission of the application as per norms.

Application procedure: The prescribed application form may be purchased from the university office for Rs. 250. Application forms may also be downloaded from the university website www.buruniv.ac.in and a demand draft of Rs. 250, in favour of

Finance Officer, The University of Burdwan, Payable at Burdwan , must be attached with downloaded form. The complete filled up form along with all the documents should be submitted to **Prof. Anupam Basu (Principal Investigator) Molecular Biology and Human Genetics Laboratory, Dept. of Zoology, The University of Burdwan, Golapbag, Burdwan** within 15 days of the publication of the advertisement.

ANUPAM BASU
(PI)

Price : Rs. 250/-

THE UNIVERSITY OF BURDWAN



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APPLICATION FORM FOR THE AWARD OF JUNIOR RESEARCH FELLOWSHIP

CATEGORY : UGC/State-funded

[For Schemes & Project also (J.R.F./S.R.F./Project Fellow/Project Asstt) etc.]

SUBJECT

1. Name (in Block letters)
First Name Middle Name (if any)

Surname

2. Father's /Husband's Name

3. Mother's Name

4. Address for Correspondence

..... Pin

5. Contact Telephone No. if any,
With STD Code

6. Permanent Address

7. Date of Birth

8. Present age (as on the date of applying)
Year Month Days

9. Nationality

10. Present Occupation

(specify whether employed anywhere with
Details regarding post held, nature of
employment and the status of the employer)

11. Whether doing M.Phil anywhere

(if yes, give details of Course/Programme,
Session etc. Specify the probable date of
completion of the Course including that
of the submission of dissertation)

12. Whether doing any other Course
Of Studies anywhere
(if yes, give details of the Course mentioning,
In particular, the session, the date of commence-

ment & completion of the Course)

13. Whether NET qualified for J.R.

Fellowship

(applicable for UGC-funded Fellowship)

Mention the year of qualifying the exam.

With Roll No. & the last date of validity

(Photocopy of certificate to be attached)

14. Whether NET/GATE/SLET qualified

(applicable for state-funded Fellowship)

Mention the year of qualifying the exam.

With Roll No. (Photocopy of certificate to be attached)

15. Preference for field of research

(mention the particular field as given, if any, in the advertisement)

16. Educational Qualification : (Photocopies of credentials to be attached)

Exams. (Name of the Degree & Diploma starting From Madhyakik or HS as the case may be)	University or Board	Year of Passing	Marks obtained in aggregate	Hons.Subject/ Subject for Master's Degree, if any	Maximum Marks	Marks obtained	Remarks if any

DECLARATION OF THE CANDIDATE

I do hereby solemnly declare and affirm that the entries made above are true and that if any of the information furnished, proves to be materially false or incorrect, either wholly or partly, the University may cancel my fellowship or take such other action as may be deemed fit.

Date :

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Full Signature of the Candidate

ENCLOSURES :

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