

FTS No-518460/9.5.19

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3/5/19

Recd 2051
03/05/19

Advertisement for the temporary post of Research Associate

Applications are invited for the temporary post of Research Associate at the Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi for a research project entitled "Molecular and Bioinformatics based analysis of the candidate genes in water buffalo *Bubalus bubalis*" sponsored by Department of Biotechnology, New Delhi.

Summary of the proposal: The genome of buffalo *Bubalus bubalis* is yet to receive attention it deserves, although it has great economic potential. We have been pursuing buffalo genomics using cDNA from spermatozoa and somatic tissues and in the process uncovered several genes. In a recent study we reported Major Histocompatibility Complex Dma α/β genes and their expressional diversity in healthy and diseased water buffalo *Bubalus bubalis*. Significantly, upregulation of Dma α/β genes and their interacting partners were detected in spleen, gonads and spermatozoa of diseased group of buffaloes as compared to that in healthy ones. Now we propose to explore the involvement of other genes uncovered from spermatozoa. The tools and techniques already have been standardised in our laboratory.

Project duration: The duration of the project is upto November 28, 2019. Stipend shall be given as per the DBT, New Delhi rule.

Qualifications:

- (1) Ph.D. degree in Life Sciences or allied subjects
- (2) Papers published in standard refereed journals.

Desirable: Research experience in the field of cloning, expression and protein purification. Preference will be given to the candidate who has experience in Animal Biotechnology.

Applications with updated hard copy of the CV should reach the Office, Centre for Interdisciplinary Research in Basic Sciences, S. Ramanujan Block, Jamia Millia Islamia, New Delhi-110025 on or before May 18, 2019. The candidates can also send the soft copy of the application to email address given below. Short listed candidates shall be communicated by E-mail to appear in person with original certificates for the interview. Kindly mention your mobile number and E-mail ID in the CV.

Sher Ali

Prof. Sher Ali

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Director CIT


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