



BHARATHIDASAN UNIVERSITY

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September 25, 2015

To

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi – 110 002.

Sir,

Subject: Final evaluation of the UGC Project entitled “Biochemical and ---- of Histone Arginine Methylation”

Ref: F. No: 40-193/2011 (SR) & 05/07/2011

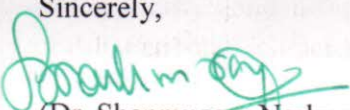
I have gone through the Final Project Report of the UGC project entitled “Biochemical and Functional Characterization of Histone Arginine Methylation” thoroughly, which I have received from Pondicherry University for evaluation.

The PI has done excellent piece of the work in the project and he identified a new function for the well known SMN1 protein. He found that SMN1 protein recognize the symmetric dimethylation modifications in the N- terminal tails of Histone 3 and Histone 4 through its TUDOR domain. He has also proved the concept both in vitro and in vivo using various independent methods. He has fulfilled the objectives of the UGC project.

The project final report is well written. The findings listed in the project report were very good and novel and it has high potential to fetch high impact publication.

Thanking you,

Sincerely,


(Dr. Shanmugam Narkunaraja)
25/9/15



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To
The Under Secretary (FD-III)
University Grants Commission (UGC)
New Delhi – 110 002.

Sir,


Subject: UGC funded Project assessment: Ref: F. No: 40-193/2011 (SR) & 05/07/2011

I have had chance to evaluate the final project report entitled “Biochemical and Functional Characterization of Histone Arginine Methylation” financially supported by UGC. The principle investigator (Dr. Arunkumar Dhayalan) executed the project very well and explored the novel function of SMN1 protein during histone methylation. The work was done in rational approach to fulfill the proposed objectives. He reported that SMN1 protein play vital role in the post translational modification specifically in the N-terminal modification of Histone 3 and 4 through TUDOR domain. He applied several molecular biological as well biochemical techniques to prove the concept.

He also written the project final report in a simple, clean and easy to read and understand. I trust this research finding will help for the basic researcher to understand the posttranslational mechanism in relationship with Arginine methylation. I am sure this research finding has lot of potential and will be published in high impact journals.

Thanking you,

Sincerely,


Scientist
Department of Biotechnology
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Dr. N. Ayyadurai