

# **Final Project Completion Report of the work done on the Major Research Project**

Project Reference No.: F. No. 43-565/2014 (SR)

Project Title: Protrusions; the role of actin cytoskeleton

Project duration: 01/07/2015-30/06/2018

Principle Investigator: Dr. Pralay Majumder

University: Presidency University

UNIVERSITY GRANTS COMMISSION  
BAHADURSHAHZAFARMARG  
NEW DELHI-110 002.

Annual/Final Report of the work done on the Major Research Project.

(Report to be submitted within 6 weeks after completion of each year)

1. Project report No. 1st /2nd /3rd/Final - **Final**
2. UGC Reference No. : **F. No. 43-565/2014 (SR)**
3. Period of report: **01/07/2015 to 30/06/2018**
4. Title of research project: **Protrusions; the role of actin cytoskeleton**
5. (a) Name of the Principal Investigator **Dr. Pralay Majumder**  
(b) Dept.: **Life Sciences**  
(c) University/College where work has progressed: **Presidency University**
6. Effective date of starting of the project: **01.07.2015**
7. Grant approved and expenditure incurred during the period of the report:
  - a. Total amount approved Rs. **11,30,000.00**
  - b. Total expenditure Rs. **9,95,373.00**
  - c. Report of the work done: (Please attach a separate sheet)
    - i. Brief objective of the project: **To determine the role of actin cytoskeleton in protrusion formation.**
    - ii. Work done so far and results achieved and publications, if any, resulting from the work (Give details of the papers and names of the journals in which it has been published or accepted for publication: **Qin, X., Hannezo, E., Mangeat, T., Liu, C., Majumder, P., Liu, J., Cadamuro, v., McDonald, j. A., Liu, Y., Yi, B., Wang, X. (2018) A biochemical network controlling basal myosin oscillation. Nat Comm 9 (1) 1210**