



Barcelona, September 3, 2018

RE: Internship evaluation letter

To Whom It May Concern:

This letter is to confirm that Mr. Pradeep Kumar Bal spent more than 280 hours between 11/06/2018 and 1/09/2018 working on his training internship on the topic 'Modeling actin flow mediated cell polarity dynamics'. I was the supervisor of this internship and was assisted in this task by postdoc researchers in my group. Pradeep successfully completed the main tasks assigned in this project including, (1) formulation of the governing equations for advection-diffusion of polarity markers coupled with the flow of active viscous actomyosin cortex, (2) development and implementation of an implicit numerical solution method, and (3) preliminary results on cell motility and the effect of perturbing cell motion using the model. He performed all the tasks well with active participation in learning new concepts and strong technical background in the development and implementation aspects of the project. He also had the chance to be exposed to a new field not covered during his master course, cell mechanobiology, where his expertise is highly valuable.

Sincerely,

Marino Arroyo Balaguer
Professor at UPC
Associated Researcher at IBEC
<http://www.lacan.upc.edu/arroyo/>