

Declaration by the Candidate

I declare that the thesis entitled “**Generation of novel anti-*Leishmania* vaccine**” submitted by me for the Degree of Doctor of Philosophy is the record of work carried out by me during the period from March 2014 to October 2019 under the guidance of Prof. (Ex.) Somenath Roy and Dr. Bhaskar Saha. Neither the thesis nor any part of it has formed the basis for the award of any degree, diploma, fellowship, title or academic award in this or any other University or other institution of higher learning.

I further declare that the material obtained from other sources has been duly acknowledged in the thesis.

Shubhranshu

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Date: 03/12/2019

Ph.D candidate