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**Elucidating the role of human ZSCAN4
in the maintenance of induced pluripotent stem cells**

A Thesis

*Submitted in Partial Fulfilment of the
Requirements for the Degree of*

DOCTOR OF PHILOSOPHY

by

Pradeep Kumar Sundaravadivelu

Under the supervision of

Dr. Rajkumar P. Thummer



Department of Biosciences and Bioengineering

Indian Institute of Technology Guwahati

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