

**Investigating the cellular functions
of mammalian inositol
hexakisphosphate kinase 1 (IP6K1)**

Thesis submitted to
Manipal University
Manipal, India
for the degree of

Doctor of Philosophy

Jadav Rathan Singh

Registration number: 100100020



**Centre for DNA Fingerprinting and Diagnostics
(CDFD), Hyderabad, India
Year 2016**