



“An *In vivo* and *In vitro* Study on Multiple
Metal Toxicity and the Protective Effect of
Melatonin on Organ Specific Effects”

Thesis Submitted to the
The Maharaja Sayajirao University of Baroda
For the Degree of

Doctor of Philosophy
in
Zoology

By
Sudip Banerjee

Under the Guidance of
Prof. A. V. Ramachandran

Division of Metabolic Endocrinology, Department of Zoology,
Faculty of Science, The M.S. University of Baroda,
Vadodara – 390002.

May (2009)