



ACKNOWLEDGEMENTS

This work was carried out at the Department of Pharmacology and Toxicology at Zydus Research Centre. I wish to express my sincere gratitude to Vice president and Head, Dr. Mukul Jain for the opportunity to become acquainted with scientific research under his expert guidance. Motivation, encouragement and guidance keep a person moving towards a new endeavor. This is what my Guide Mukul Jain, has enshowered on me. I am heartily thankful to him to given me the wonderful opportunity, liberty, moral support, unreserved help and extending his helping hand whenever needed and also for providing infrastructure, facilities and requirements during my entire Ph.D. programme. My co-guide, Prof R Balaraman deserves my warmest thanks for his invaluable expertise and kind support through these years. No appropriate words traced in the presently available lexicon to express my full respect and indebtness to Dr. R. Balaraman.

I am genuinely beholden by Dr. Abhijit chatterjee, because he is always present with me whenever needed and his presence had made my work easy due to their friendly guidance and advice and also with smile on his faces helped me in regulating the integrity of my work in an orderly fashion.

I immensely thankful to Mr. Manoranjan Sharma for his ideas, thought, concepts and notions made my work vary interestingly and at the same time enjoying, with deep sense of gratitude, without him it was impossible to reach up to this level and make the project a success. I will never forget his wonderful attitude in my whole life.

I am cordially thankful to Mr. Jignesh Nagar, Mr. Malik Umar, Dr Satinder Singh, Avisheka Acharya and Gaurav Pandya for their constant supportive attitude and timely help with professional dexterity during the course of my research programme. Whenever I was stuck up with any kind of problems they used to help me willingly and without any resisitance or hesitation.

I am immensely thankful to my friends cum colleagues Dr. Amit Joharapukar, Dr. Suresh Giri and Dr. Vipin Dhote for their co-operation during entire research work and provided help whenever I face problem during study period.

I also owe my cordial thank to Mr. Kamlesh, Mr. Arvind and Mr. Natu for their help and support during my whole research programme.

I wish to place on record persons who never showed prosaic attitude in helping me at the best of their skills. Among a few worth mentioning are Mr. Samadhan kshirsagar, Dr Chitrang, Hitesh Soni, Mr. Satyam, Mr. Akshyaya Rath, Mr. Kiran Chauhan, Mr. Lala patel, Mr. Jigar kumar patel, Dr. Vijay Kale, Mr. Tushar patel,

Mr. Avnish patel, Mr. Nirav Dhanesha for providing me superb amenities. I am sincerely highly thankful to them for their kind cooperation.

I heartly thankful to our animal house incharge Dr Satish Patel for their helping nature and supported me whenever I needed help and to provide animals. It will be really unfair if I don't mention about my innocent, sacrificed animals, if this project has been a success, it is just because of them only.

God's grace and my parents benedictions have always been with me. Finally, I fall short of words to express my deep sense of reverence and indebtedness blessing from my parents, elder brothers Girija bhai and Munabhai, younger brother Babuli who sustained my spirit and endeavour at every critical juncture of educational carrier.

It is like a drop in the ocean of the words that can never reach its make to acknowledge infinite love, sacrifices and constant encouragement of my life partner Mimi, who have been the sole source of inspiration for me to proceeds ahead in my life.


Jogeswar