CONTENTS

ABBREVIATIONS

Å- Angstrom

HETATM- Hetero atom

AMBER-Assisted Model Building with energy refinement

NMR- Nuclear Magnetic Resonance

ns- nano second

ps-picosecond

TIP3P- Transferable Interaction Potential 3P

PDB-Protein Data Bank

NAC-non-beta amyloid component

PD-Parkinson disease

DOPA –dopamine analogs

LB-lewy body

UPS-ubiquitin proteasome system

ALP- autophagy lysosomal pathway

PTM- post translation modification

RMSD-Root mean square deviation

TER-Terminal

VMD- Visual Molecular Dynamics

DSSP-Dictionary of Secondary Structure of Proteins

LISTS OF FIGURES: