7 GENERAL INTRODUCTION, AIM & OUTLINE OF THE THESIS

14 CHAPTER 1
Body Fluid Biomarkers in Parkinson’s Disease.
Submitted to Nature Reviews Neurology

35 CHAPTER 2
Generation and Characterization of Novel Conformation-Specific Monoclonal Antibodies for A-Synuclein Pathology.
Neurobiology of Disease

75 CHAPTER 3
Oligomeric and Phosphorylated Alpha-Synuclein as Potential CSF Biomarkers for Parkinson’s Disease.
Molecular Neurodegeneration

101 CHAPTER 4
Longitudinal Changes in CSF Alpha-Synuclein Species Reflect Parkinson's Disease Progression.
Movement Disorders

116 CHAPTER 5
Increased Levels of CSF Total but Not Oligomeric or Phosphorylated Forms of Alpha-Synuclein in Patients Diagnosed with Probable Alzheimer's Disease.
Scientific Reports

129 CHAPTER 6
CSF Oligomeric Alpha-Synuclein Levels as a Preclinical Marker of Parkinson’s Disease: A Study in LRRK2 Mutation Carriers and Sporadic Parkinson’s Disease Cases.
Submitted to Neurology

149 CHAPTER 7
Summary & General Discussion

161 APPENDIX
List of Publications
Word of Thanks
About the Author