



NANYANG
TECHNOLOGICAL
UNIVERSITY

**Investigation on the Aggregation and Inhibitory Aggregation
Mechanism of Amyloid β Peptides**

Zhao Li Na

School of Physical and Mathematical Sciences

A thesis submitted to the Nanyang Technological University
in partial fulfillment of the requirements for the degree of
Doctor of Philosophy

2012

Abstract

aaa

Contents

Abstract	i
Contents	i
Acknowledgements	ii
List of Figures	iii
List of Tables	iv
1 Introduction	1
2 ADintro	2
2.1 Introduction	2
2.2 Conclusions	2
Appendices	3
Glossary	4
References	5
Publications	5

Acknowledgements

I would like to thank ...

List of Figures

List of Tables

A1	Calculated pKa value for titratable residues.	4
----	---	---

1 Introduction

2 ADintro

2.1 Introduction

Blah ... Blah.¹

2.2 Conclusions

Here is the conclusions...

Appendices

Residues	pKa values
N-terminus	7.9

Table A1: Calculated pKa value for titratable residues.

References

- [1] Gouras, G. K.; Tampellini, D.; Takahashi, R. H.; Capetillo-Zarate, E. Intraneuronal β -amyloid accumulation and synapse pathology in Alzheimer's disease. *Acta Neuropathol.* **2010**, *119*, 523–541.

