

Declaration

I hereby declare that the thesis entitled *“In silico study on the structural dynamics of Amyloid- β peptide ($A\beta_{1-42}$), its aggregation pathway and inhibition: to control the geriatric epidemic, Alzheimer’s disease”* has been submitted to Tezpur University in the Department of Molecular Biology and Biotechnology under the School of Sciences for partial fulfillment for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology.

I am the sole author of this thesis. This is a true copy of an original work carried out by me including any required final revisions, as accepted by my examiners.

Further, I declare that no part of this work has been reproduced elsewhere for award of any other degree.

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