Destabilization of Amyloid Fibrils on Interaction with MoS₂ based Nanomaterials

Sathish Kumar Mudedla,^{a,} N. Arul Murugan^{a,*} V. Subramanian^{b*}, and Hans Agren^{a,c,*}

^a Division of Theoretical Chemistry and Biology, School of Engineering Sciences in Chemistry, Biotechnology and Health, KTH Royal Institute of Technology, S-106 91 Stockholm, Sweden

^{b.} Chemical Laboratory, CSIR-Central Leather Research Institute, Adyar, Chennai 600020, India

^{c.} College of Chemistry and Chemical Engineering, Henan University, Kaifeng, Henan 475004P. R. China

* To whom correspondence should be addressed.

E-mail: murugan@kth.se, subuchem@hotmail.com, hagren@kth.se



Fig. S1: Contact area between MoS2 based materials and amyloid beta fibril.