Supporting Information

Self-Assembly of Diphenylalanine Peptides on Graphene via Detailed Atomistic Simulations

Anastassia N. Rissanou,^{1,2*} Andriani Keliri,¹ Maria Arnittali^{1,2} and Vagelis Harmandaris^{1,2,3}

- 1. Institute of Applied and Computational Mathematics (IACM), Foundation for Research and Technology Hellas, (FORTH), IACM/FORTH, GR-71110 Heraklion, Greece.
- Department of Mathematics and Applied Mathematics, University of Crete, GR-71409, Heraklion, Crete, Greece.
- Computation-based Science and Technology Research Center, The Cyprus Institute, Nicosia 2121, Cyprus.

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^{*} Author to whom correspondence should be addressed: risanou@uoc.gr +30 2810393746 fax: +30 2810393701



Figure SI-1: Probability distribution of distances among the centers of mass of FF in the initial configuration.



Figure SI-2: System density as a function of time for all three systems.



Figure SI-3: Pair radial distribution function between the centers of mass of FF in *AFF* (black curve) and in *G1* coming only from FF molecules whose center of mass is at distance > 1nm from the graphene surface.