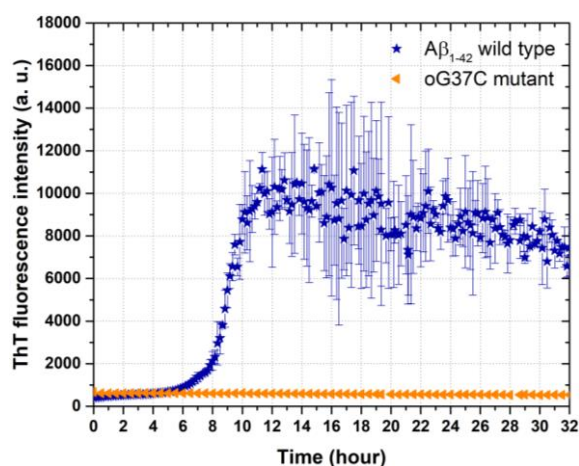


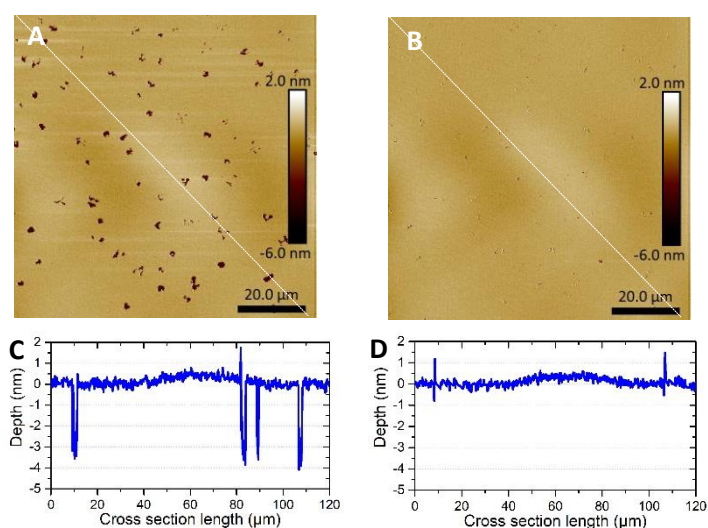
Membrane domains modulate A β ₁₋₄₂ oligomer interactions with Supported Lipid Bilayers: an Atomic Force Microscopy investigation

Mehdi Azouz,^{a,b} Christophe Cullin,^a Sophie Lecomte,^a and Michel Lafleur*^b

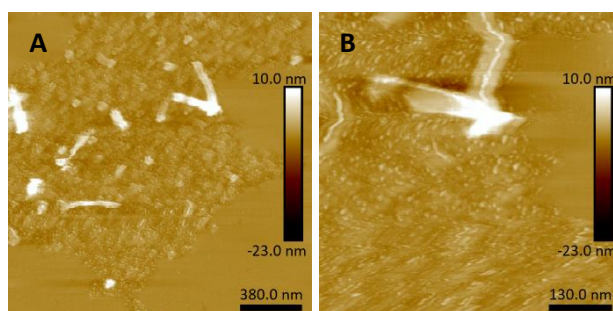
Supplementary Information



Appendix 1 Thioflavin T fluorescence intensity variation in function of time for A β ₁₋₄₂ (blue stars) and G37C peptides (orange triangles). Concentration was 5 μ M in a total volume of 100 μ L of buffer.



Appendix 2 AFM images ($90 \times 90 \mu\text{m}^2$): Coalescence phenomenon as illustrated on the disappearance of defects on a POPC bilayer (A) and after 1 h (B), recorded on the same zone. Graphs C and D represent the cross sections corresponding to the dashed lines on images A and B respectively.



Appendix 3 AFM images of the fibrils formed on the POPC/GM1 bilayer; magnifications are $1.9 \times 1.9 \mu\text{m}^2$ (A) and $650 \times 650 \text{nm}^2$ (B).