

TUNING THE MORPHOLOGY IN THE NANOSCALE OF NH₄CN POLYMERS SYNTHESIZED BY MICROWAVE RADIATION: A COMPARATIVE STUDY

Cristina Pérez-Fernández, Pilar Valles, Elena González-Toril, Eva Mateo-Martí,
José L. de la Fuente, Marta Ruiz-Bermejo

SUPPLEMENTARY INFORMATION

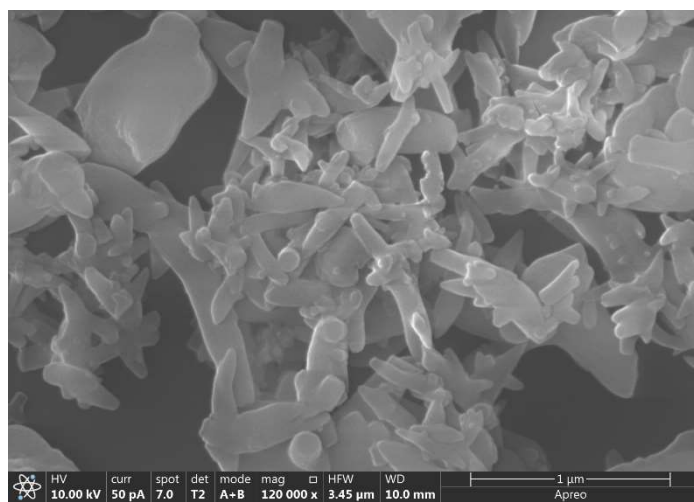
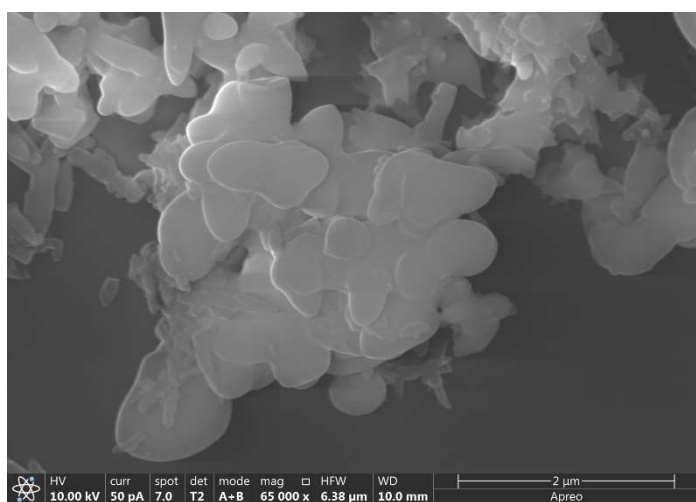
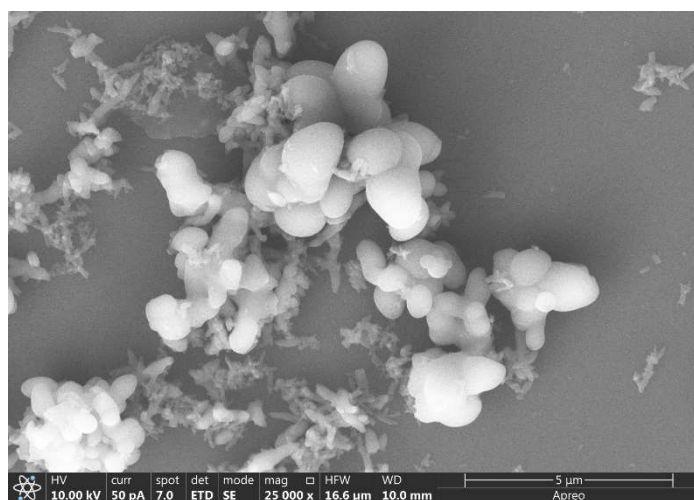
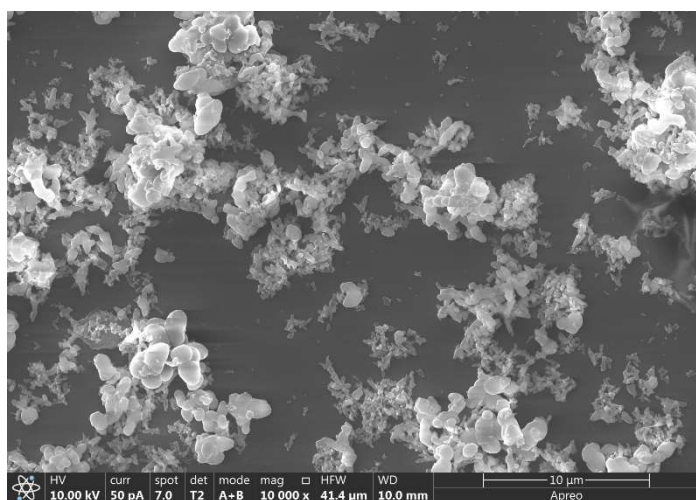
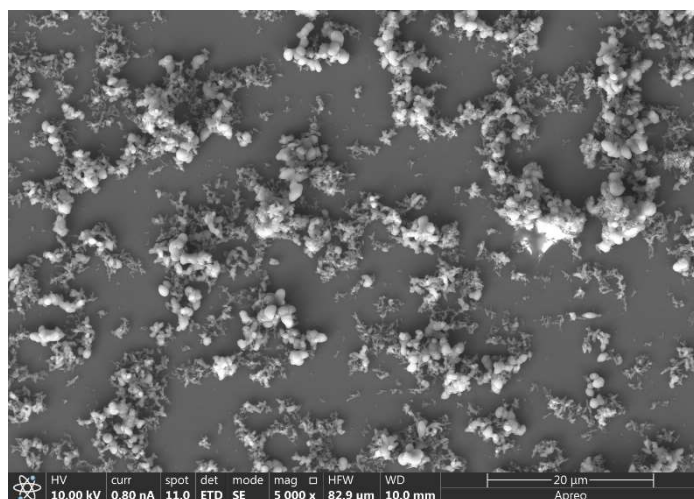
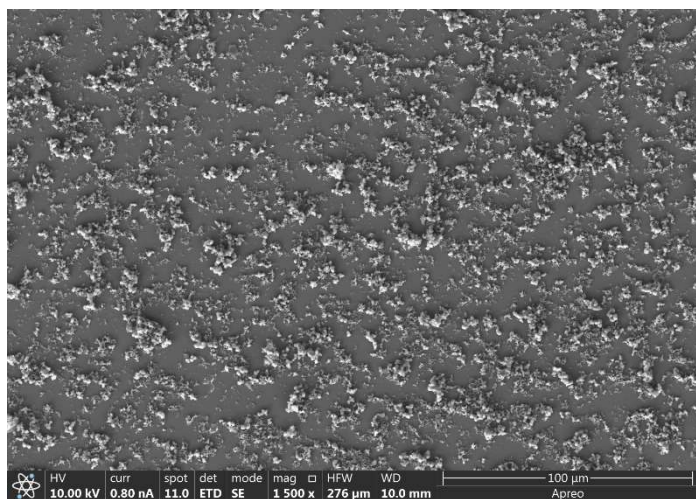


Figure S1. SEM images of the NH_4CN polymer 1.

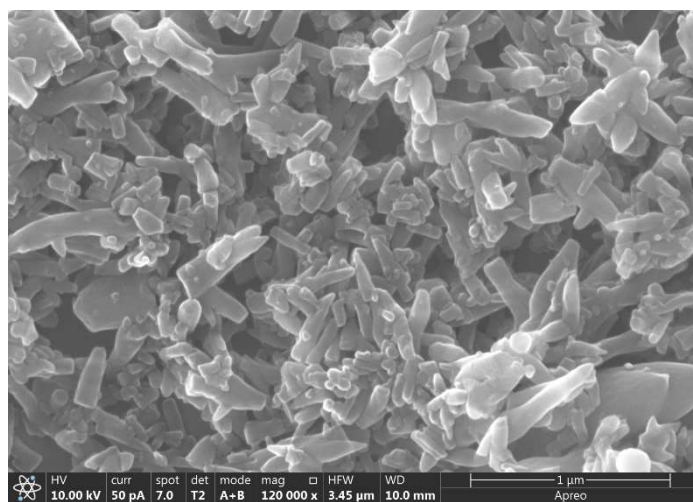
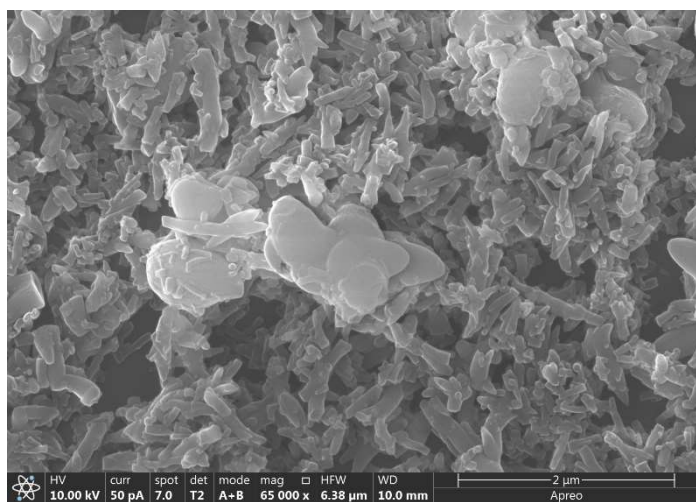
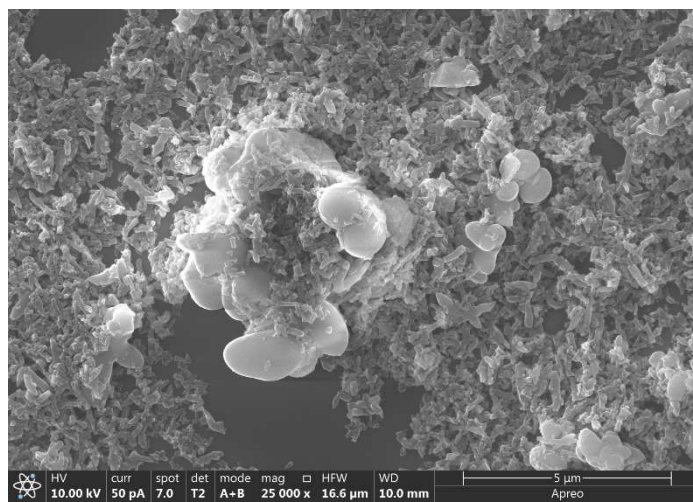
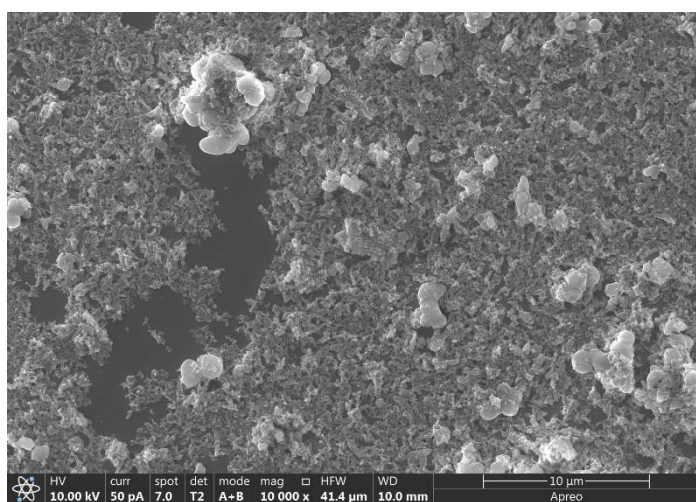
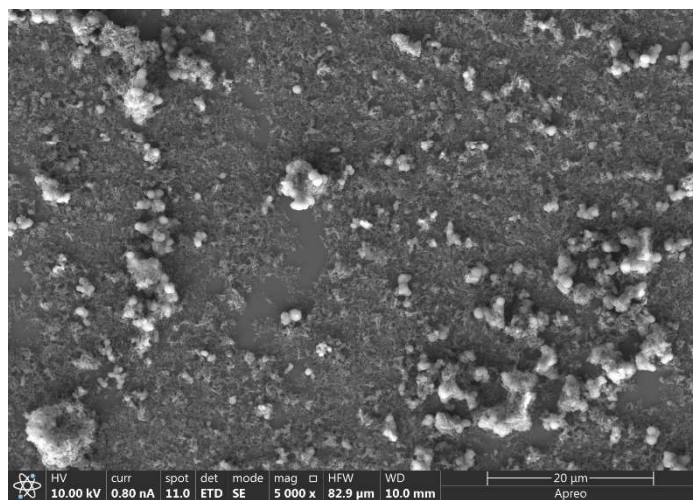
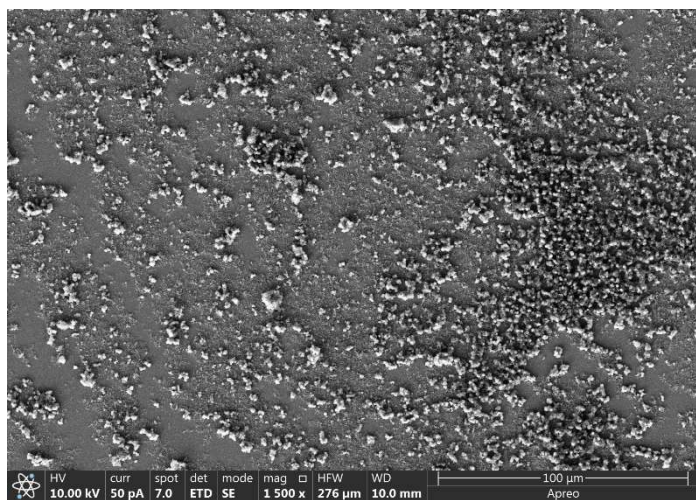


Figure S2. SEM images of the NH_4CN polymer **2**.

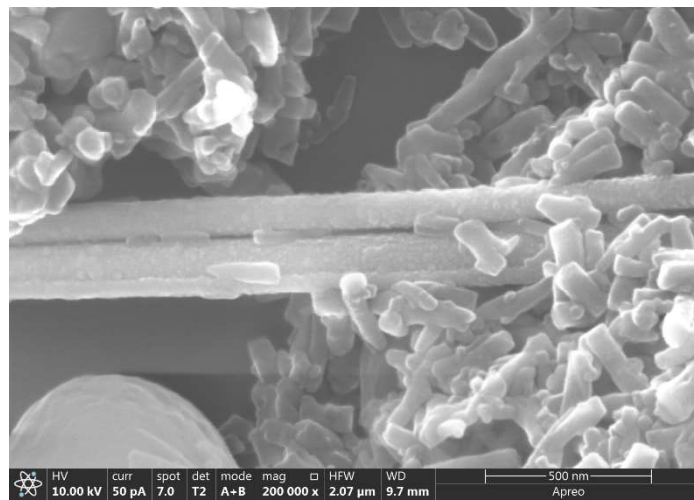
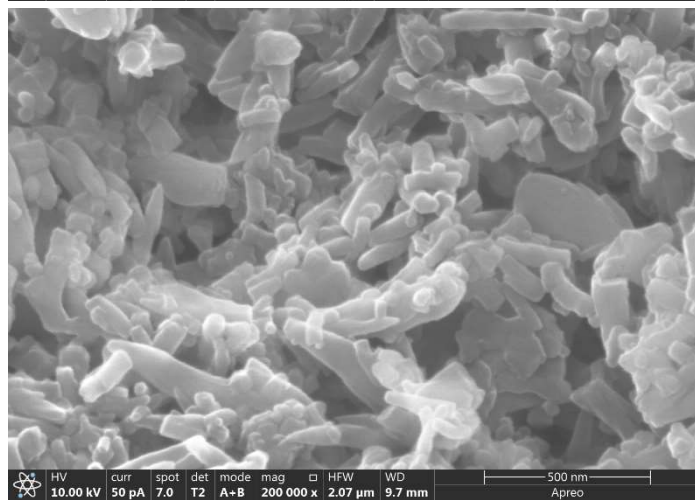
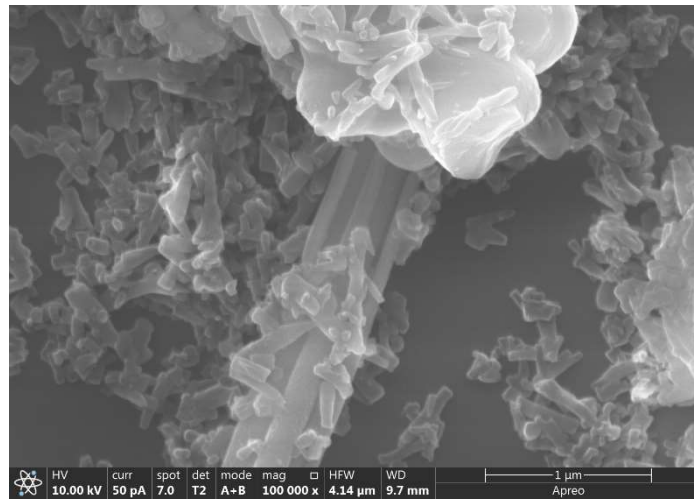
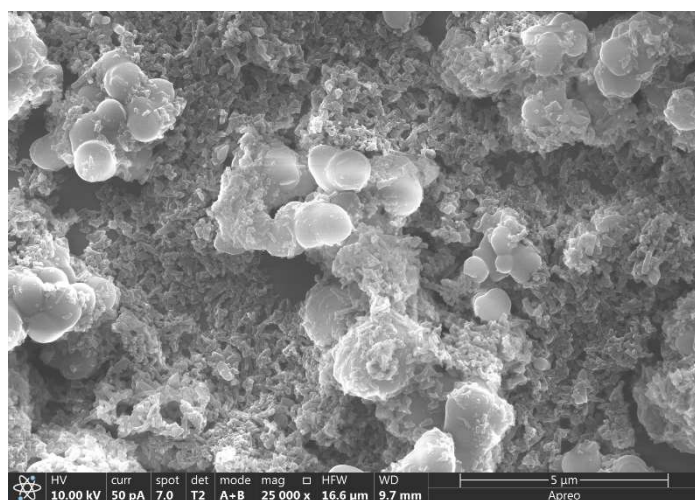
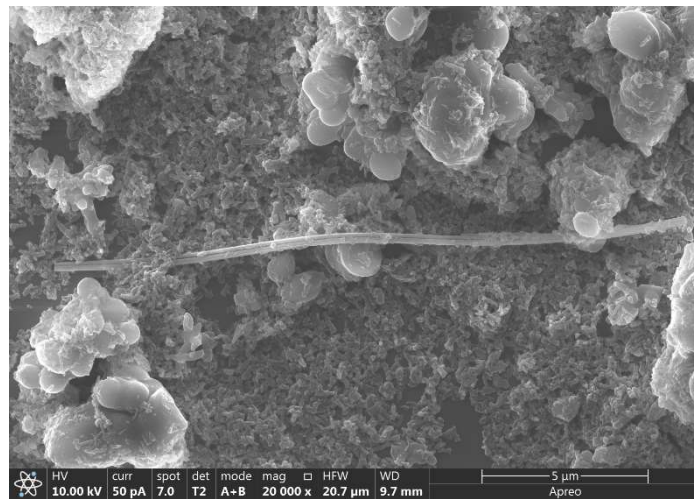
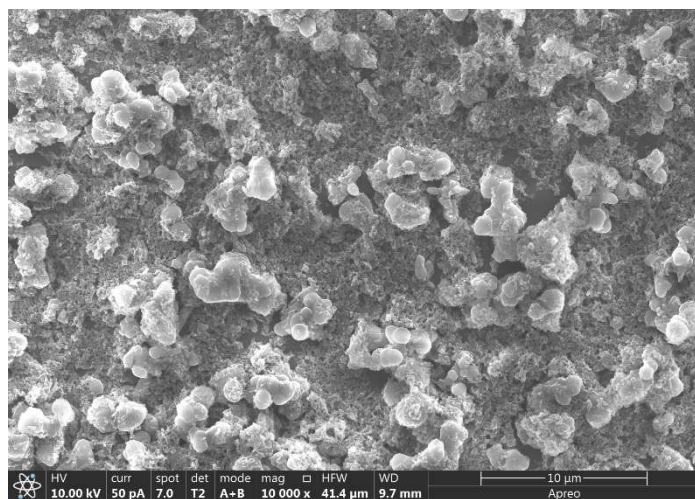
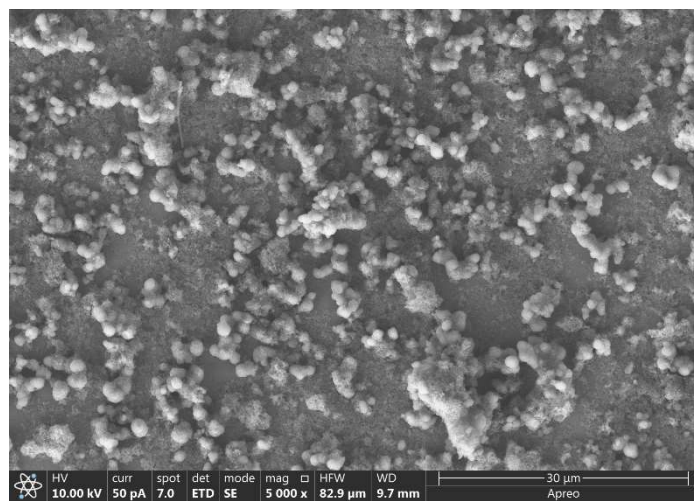
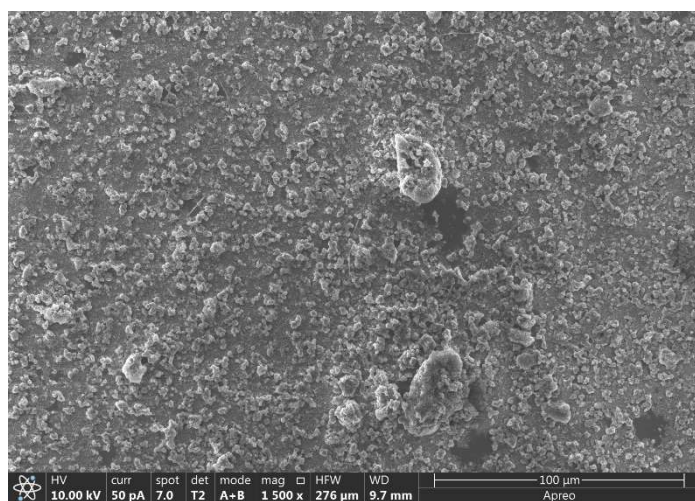


Figure S3. SEM images of the NH_4CN polymer **3**.

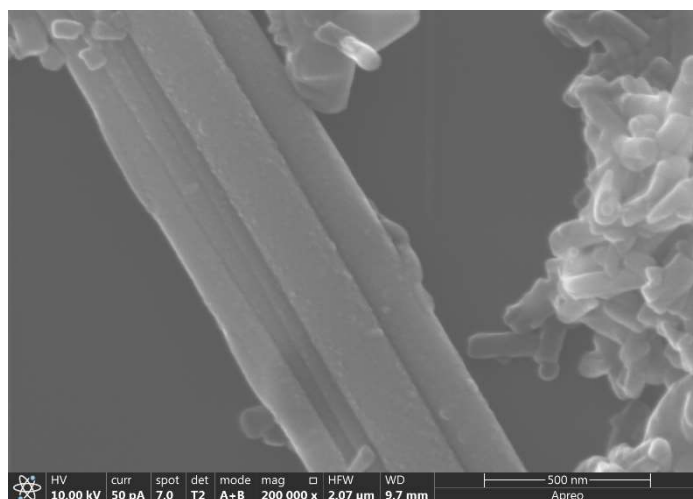
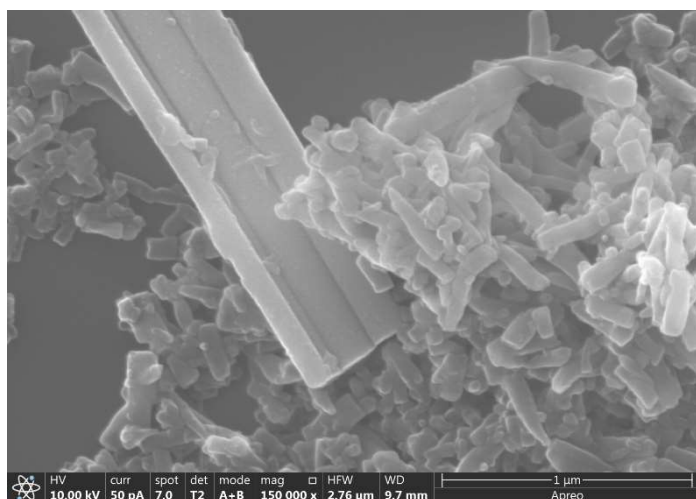
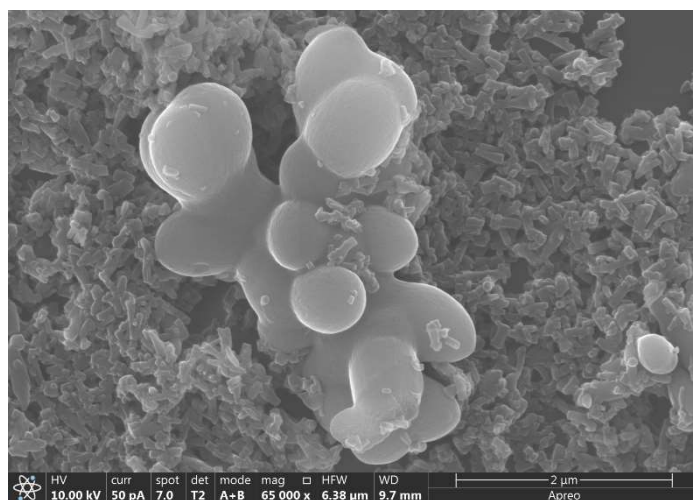
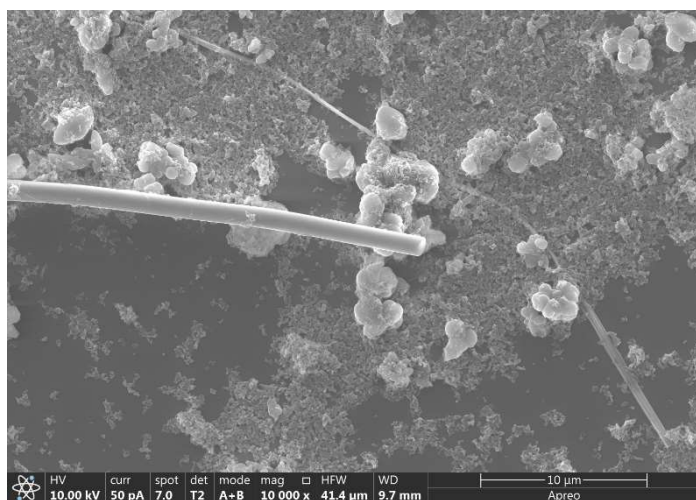
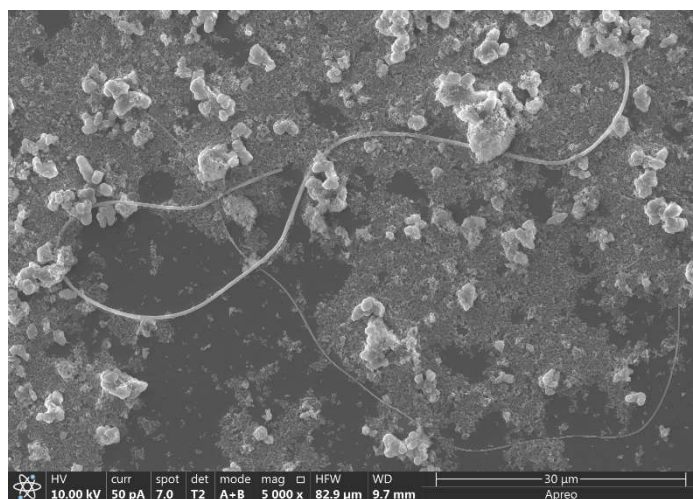
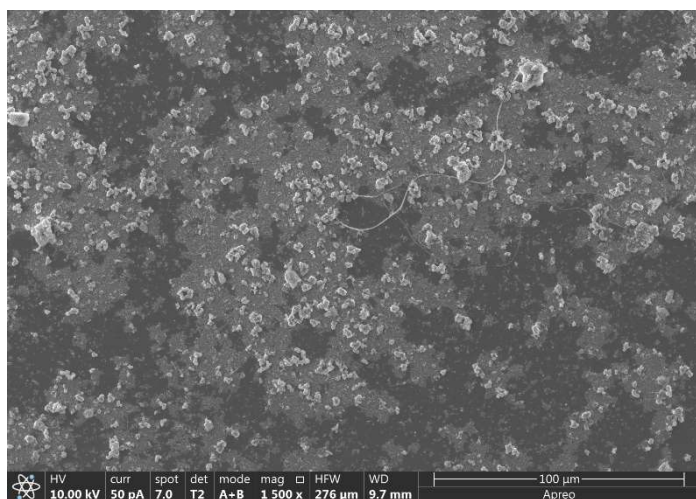


Figure S4. SEM images of the NH₄CN polymer **4**.

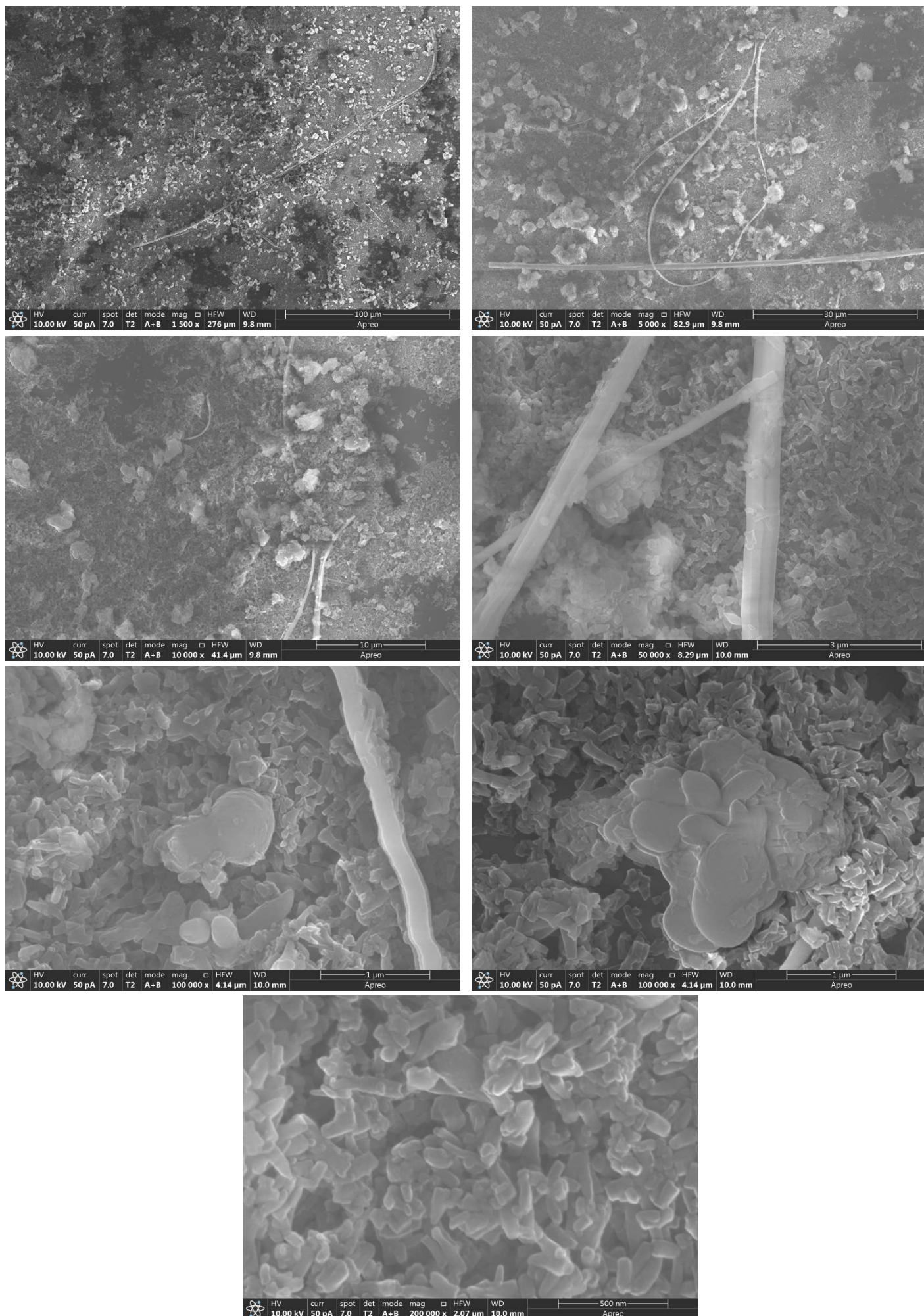


Figure S5. SEM images of the NH_4CN polymer **5**.

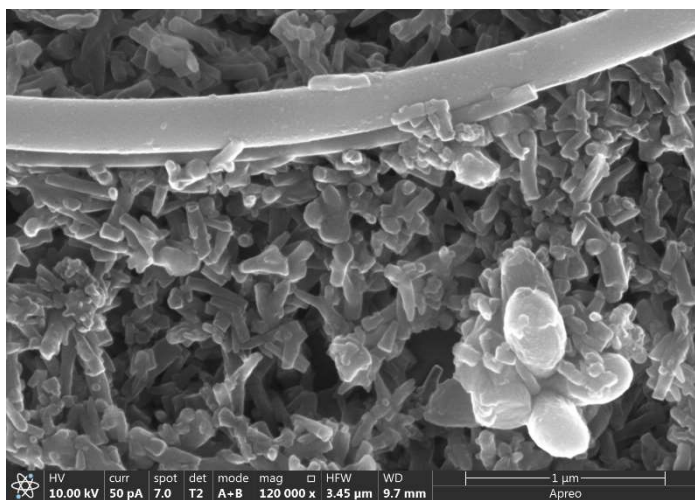
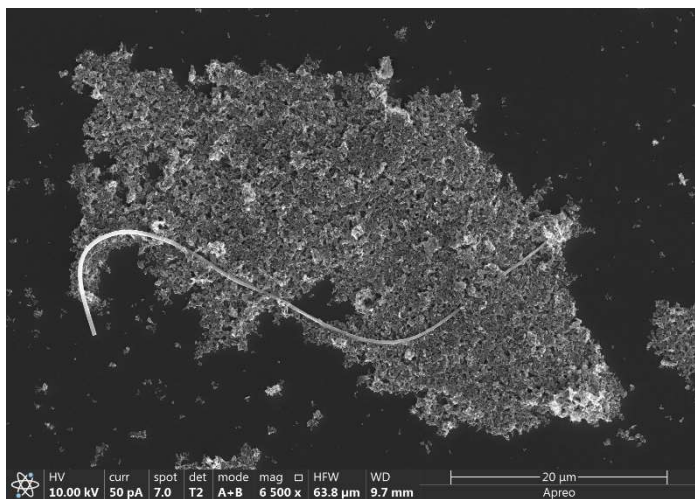
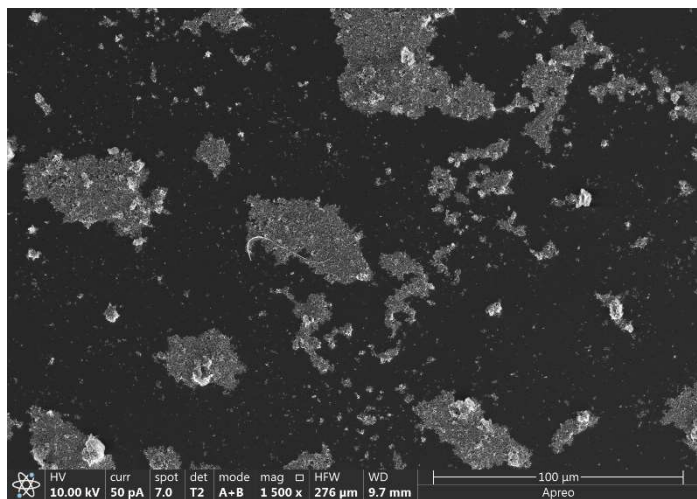


Figure S6. SEM images of the NH_4CN polymer **6**.

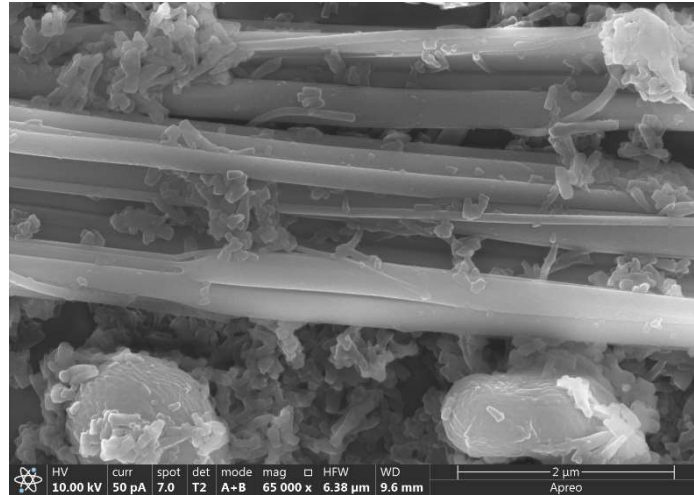
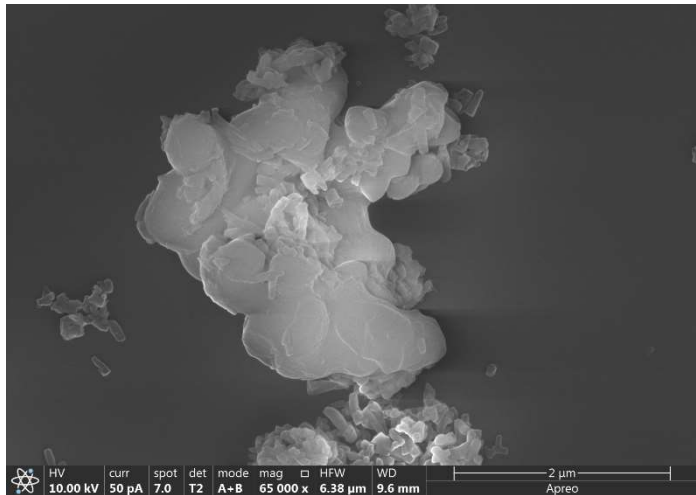
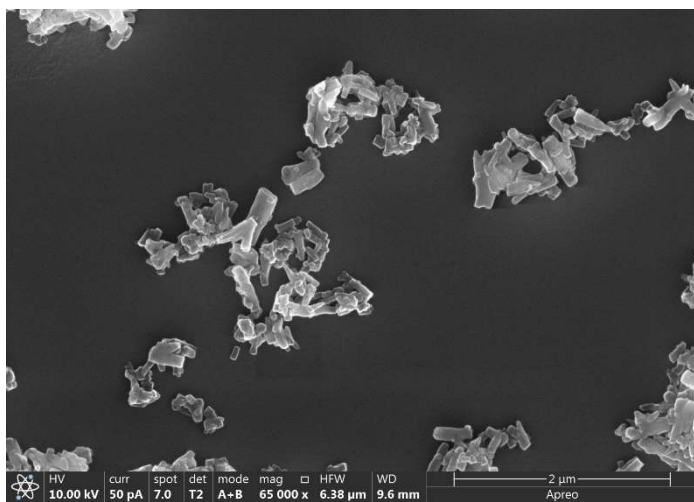
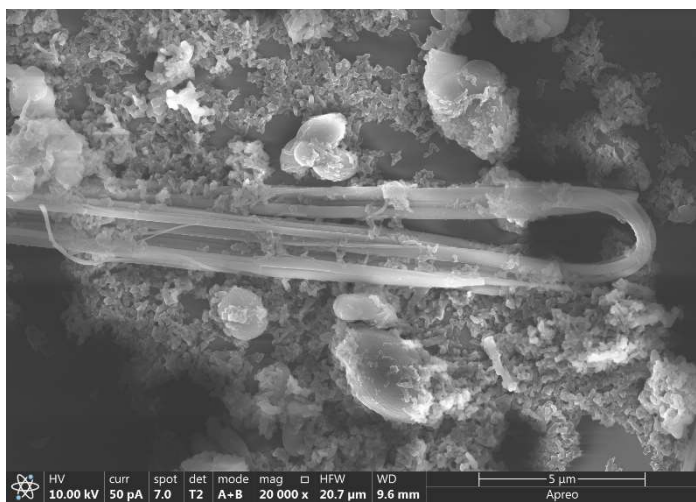
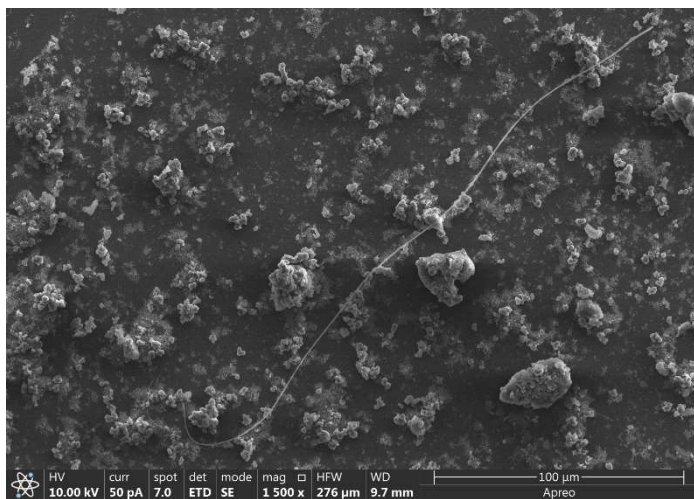
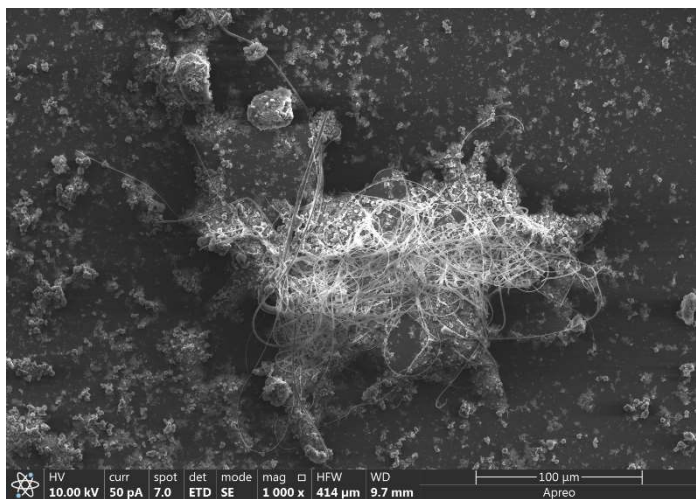


Figure S7. SEM images of the NH_4CN polymer **7**.

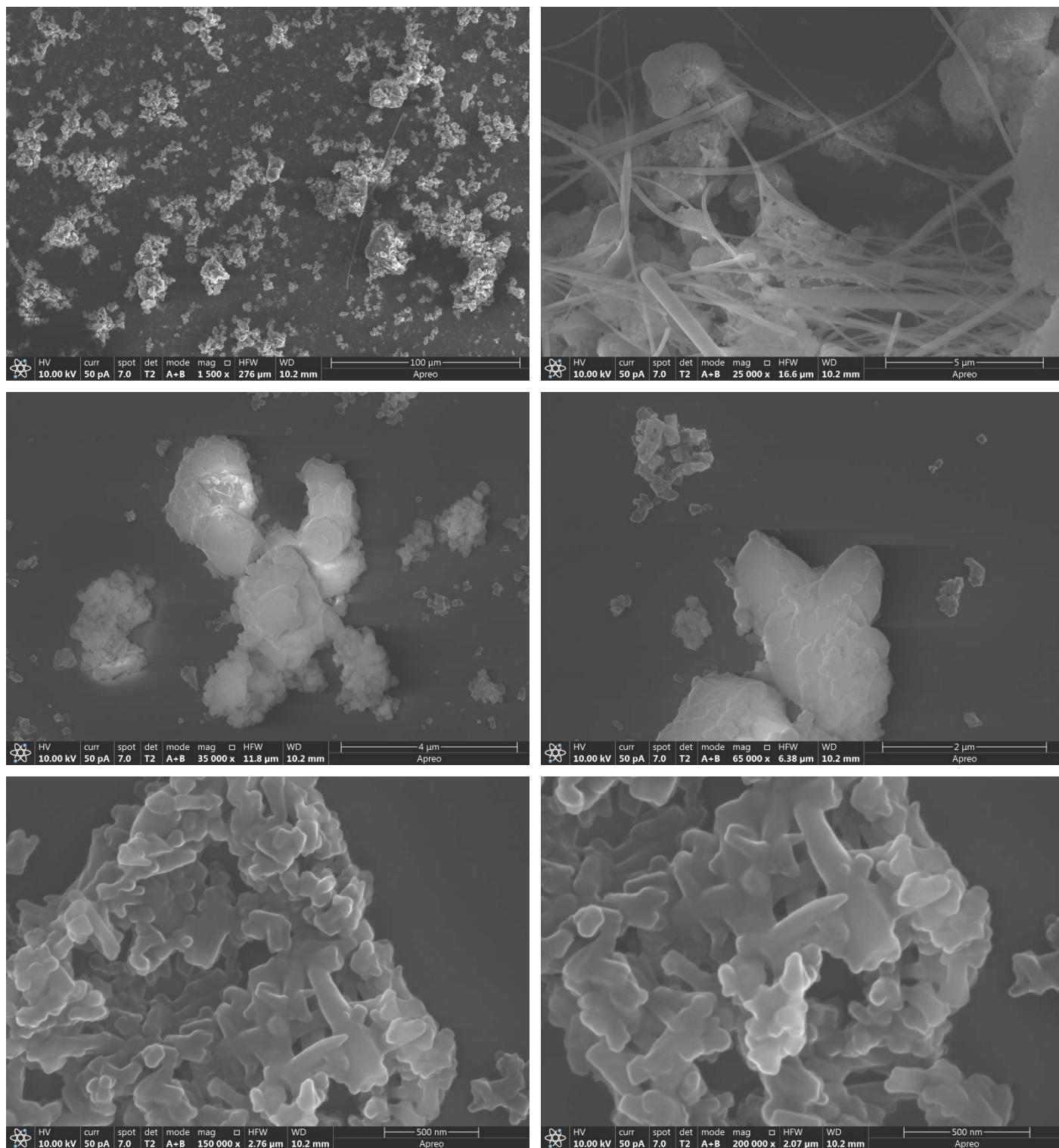


Figure S8. SEM images of the NH_4CN polymer 8.

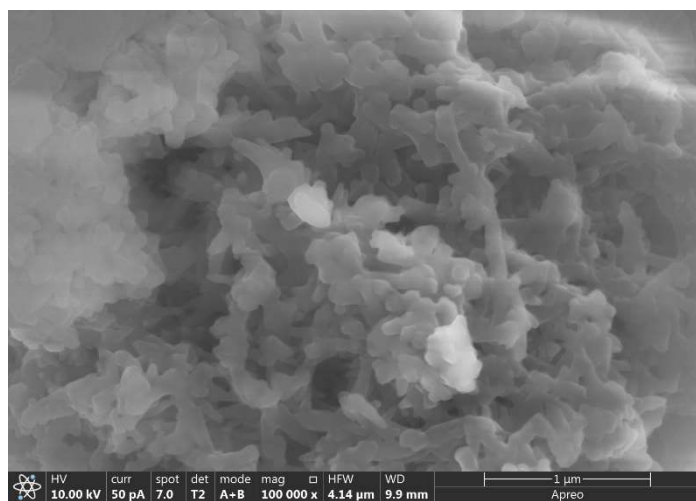
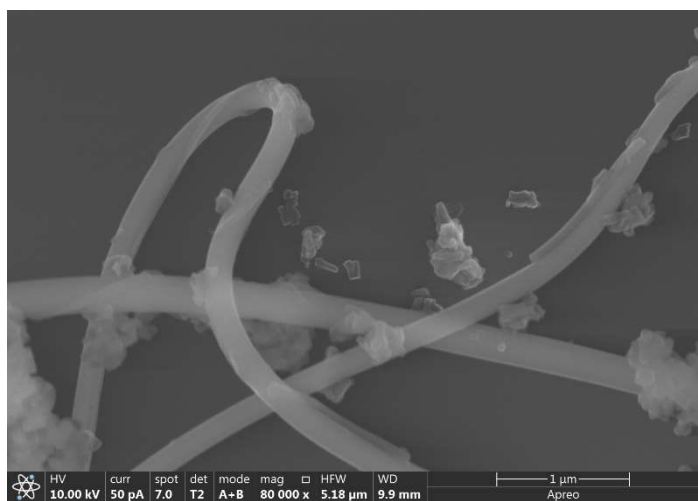
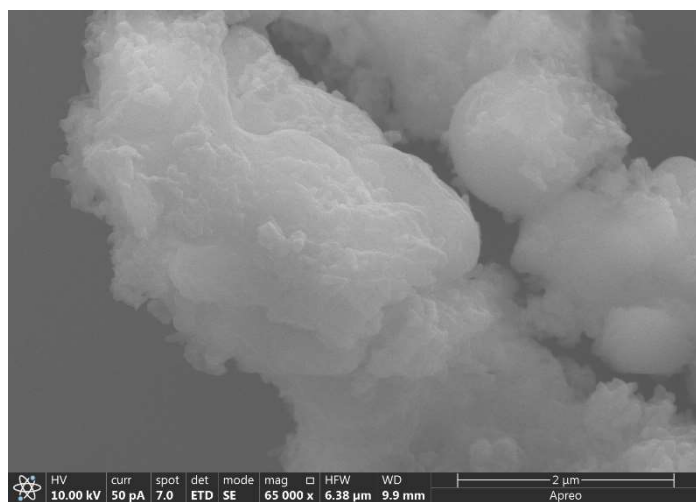
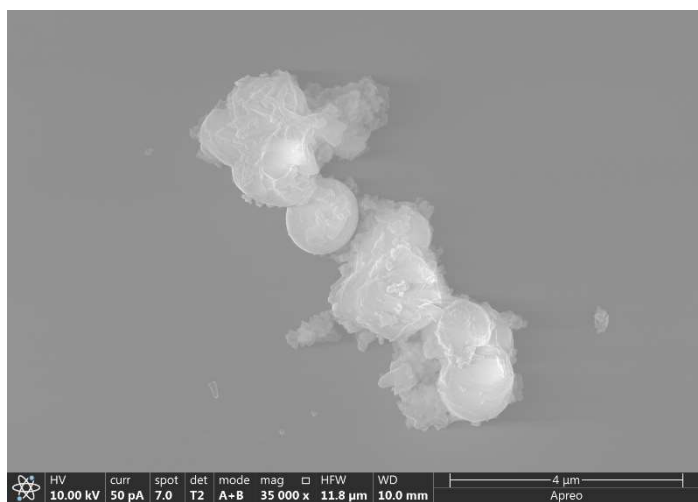
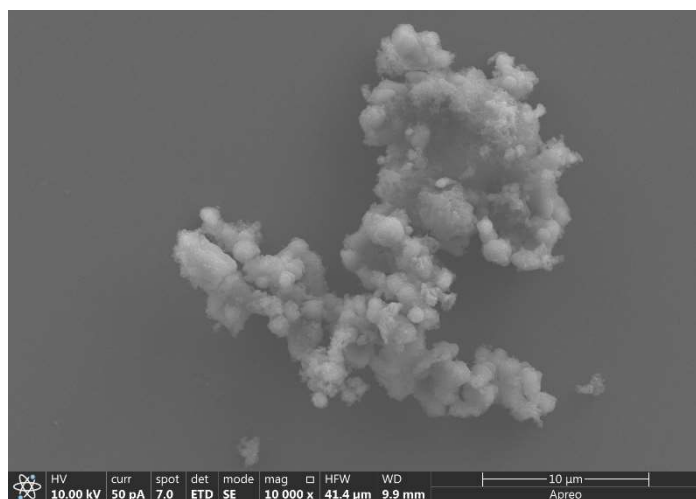
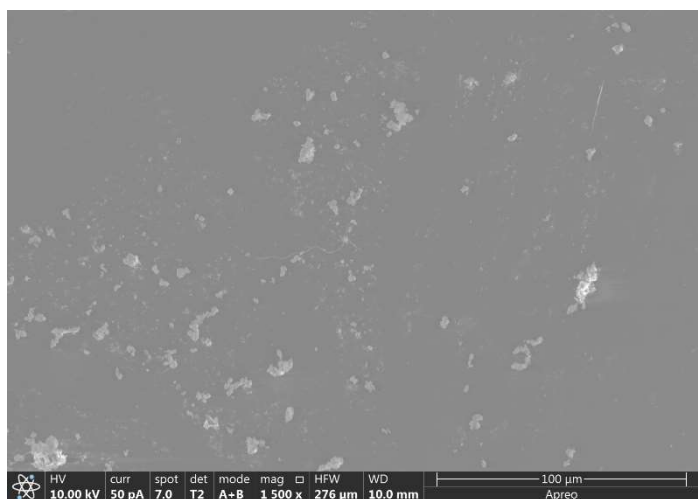


Figure S9. SEM images of the NH_4CN polymer 9.

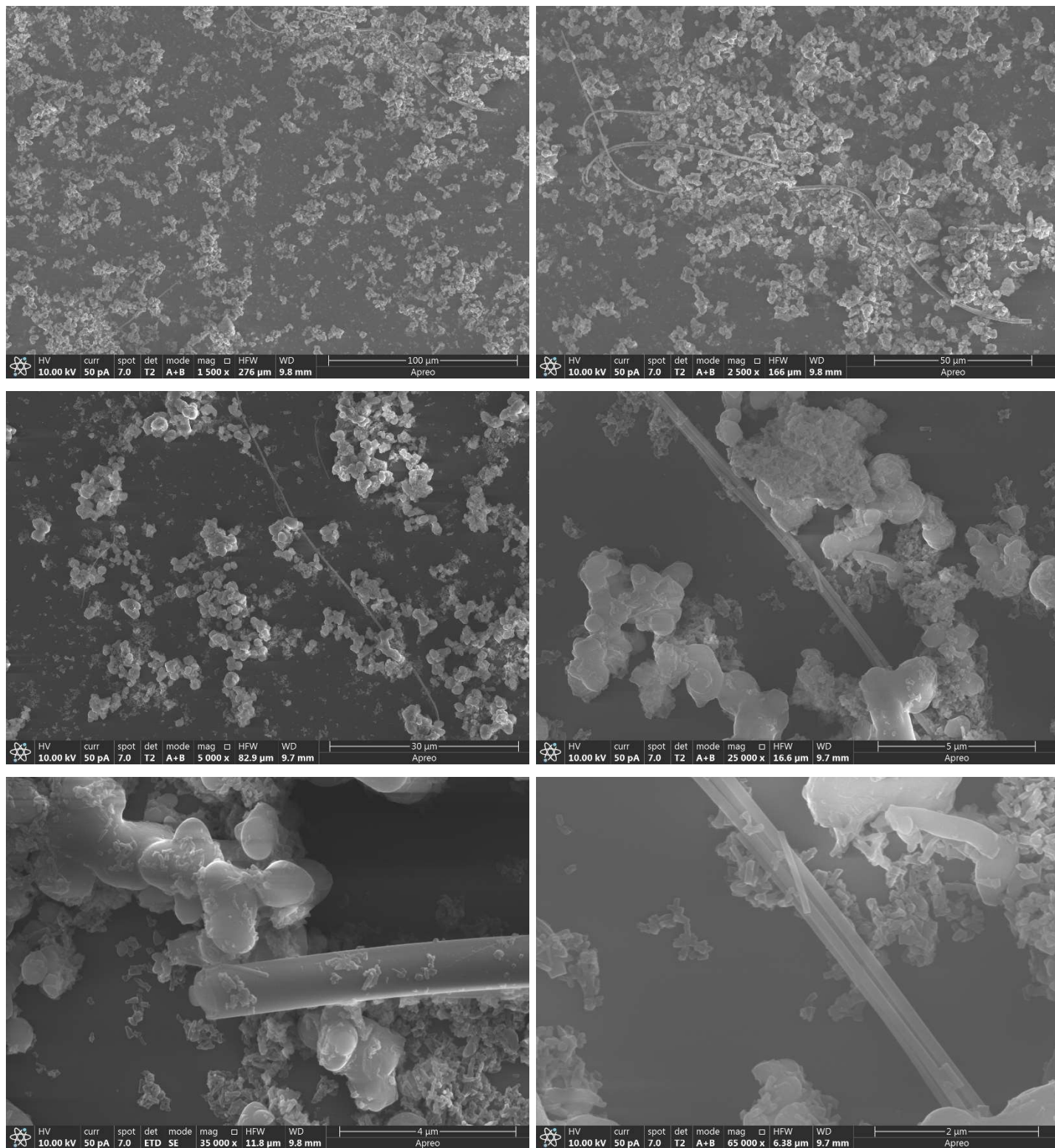


Figure S10. SEM images of the NH_4CN polymer synthesized at 170 °C with a reaction time of 5 min.

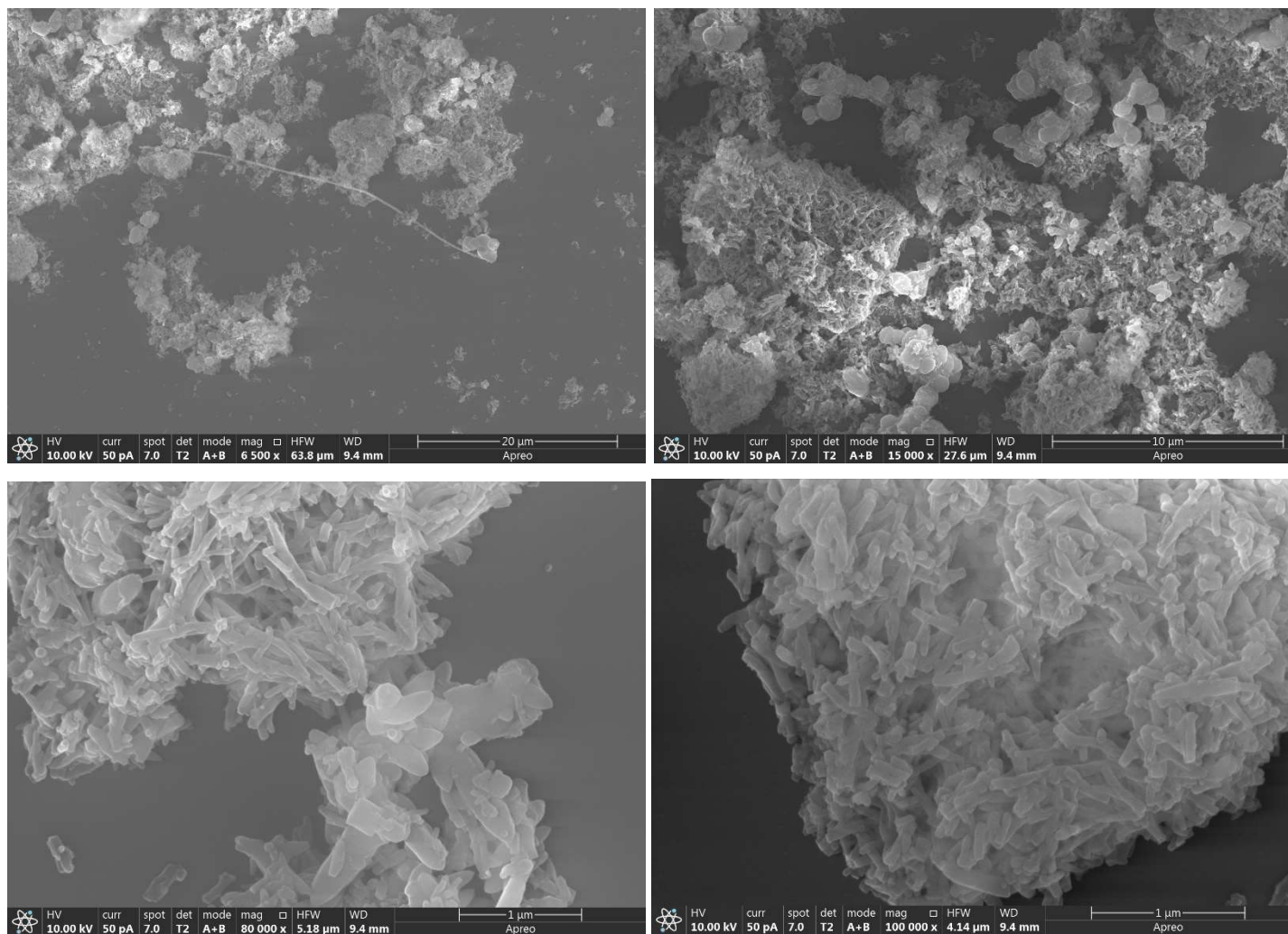


Figure S11. SEM images of the NH_4CN polymer synthesized at 170 °C with a reaction time of 36 min.

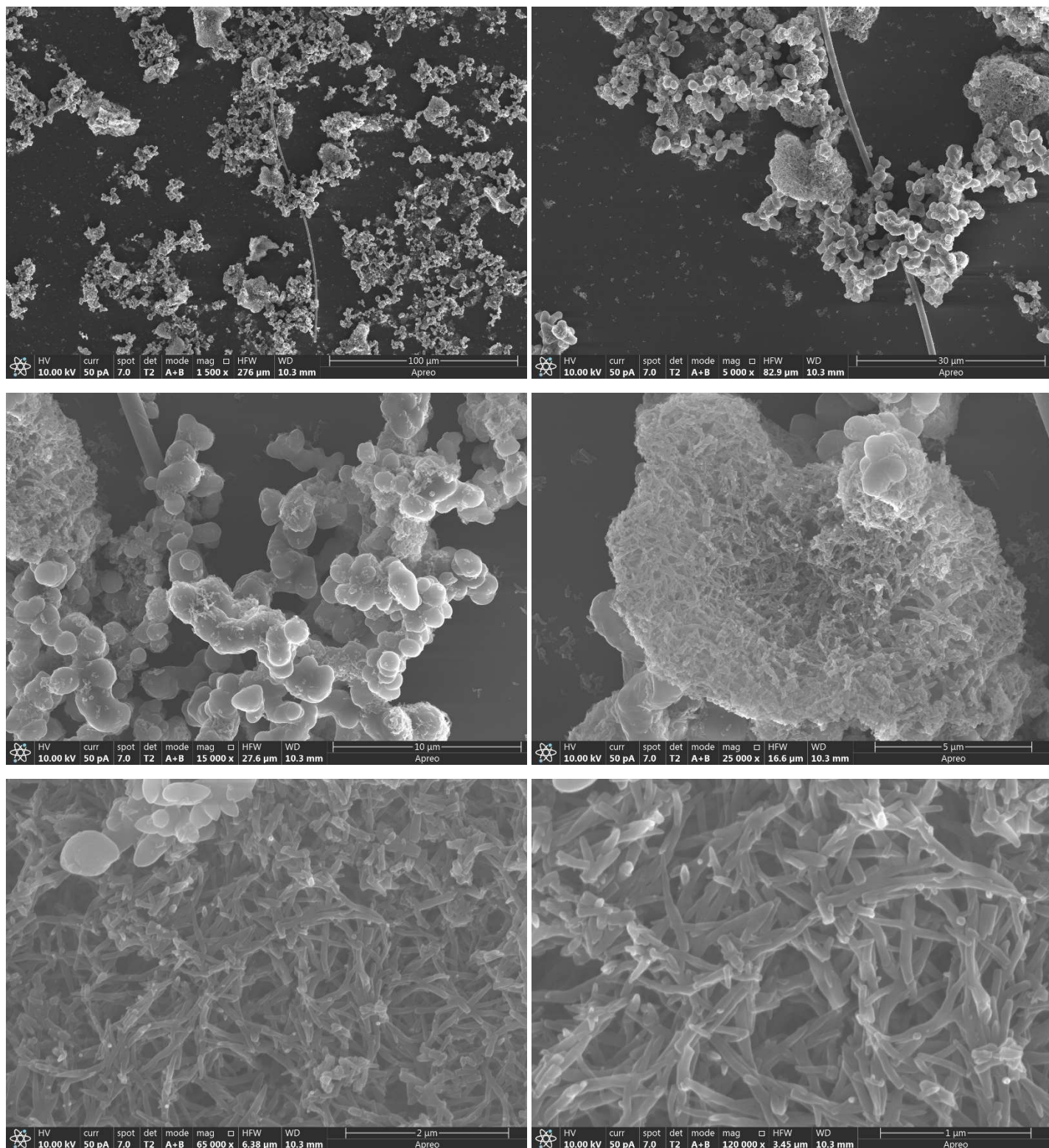


Figure S12. SEM images of the NH_4CN polymer synthesized at 170 $^{\circ}\text{C}$ with a reaction time of 52 min.

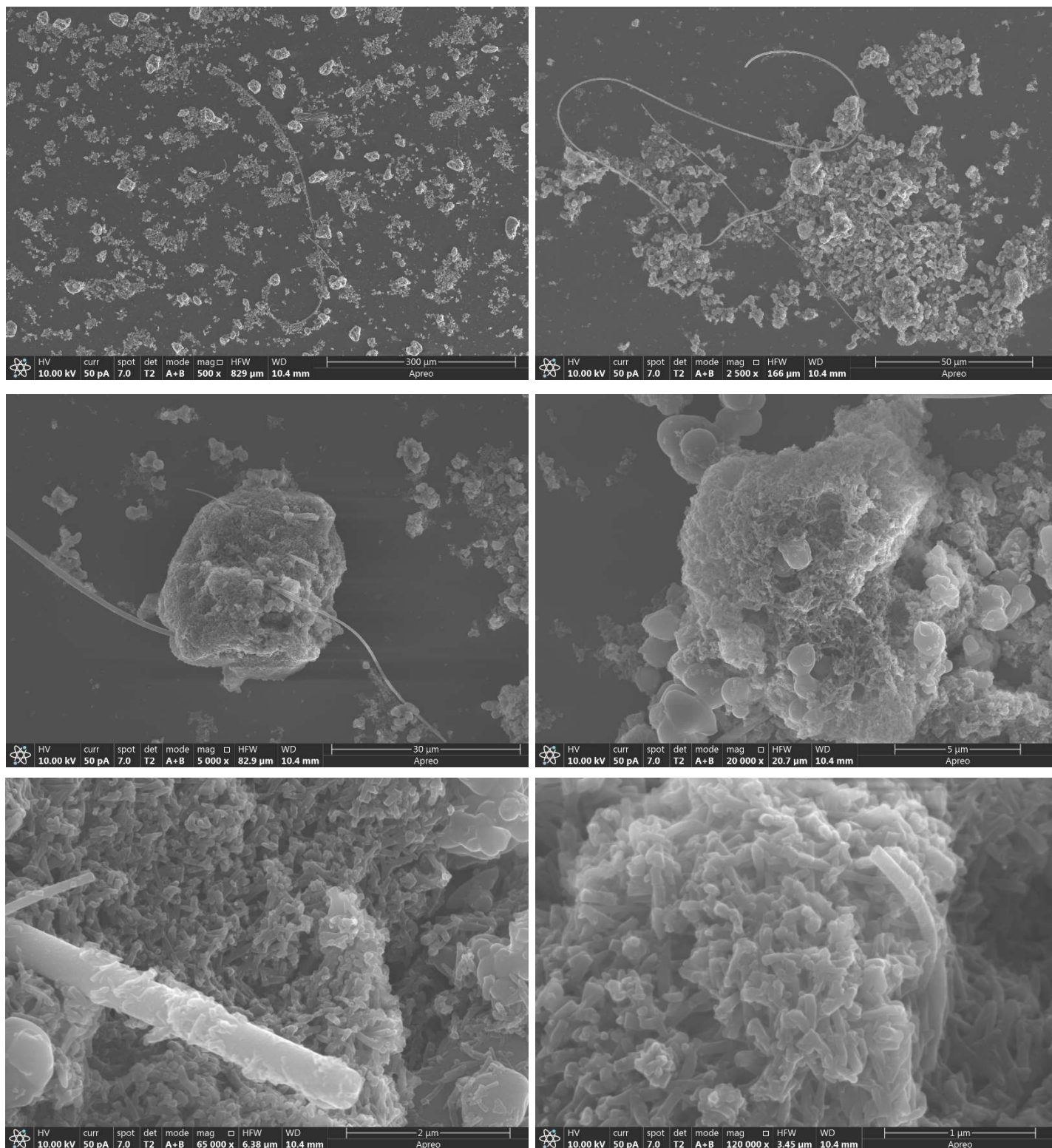


Figure S13. SEM images of the NH_4CN polymer synthesized at 170 $^{\circ}\text{C}$ with a reaction time of 58 min.

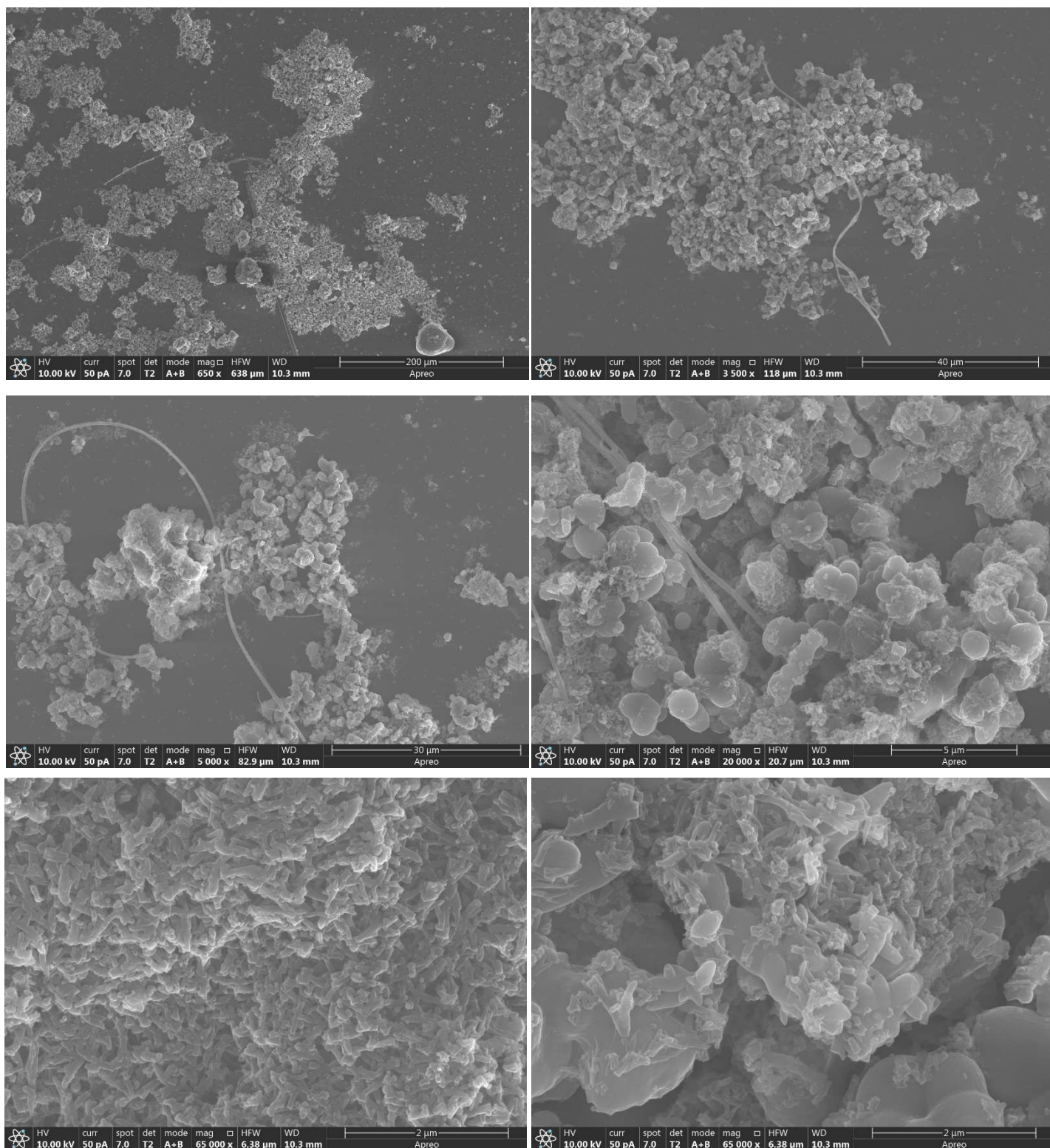


Figure S14. SEM images of the NH_4CN polymer synthesized at 170 $^{\circ}\text{C}$ with a reaction time of 72 min.

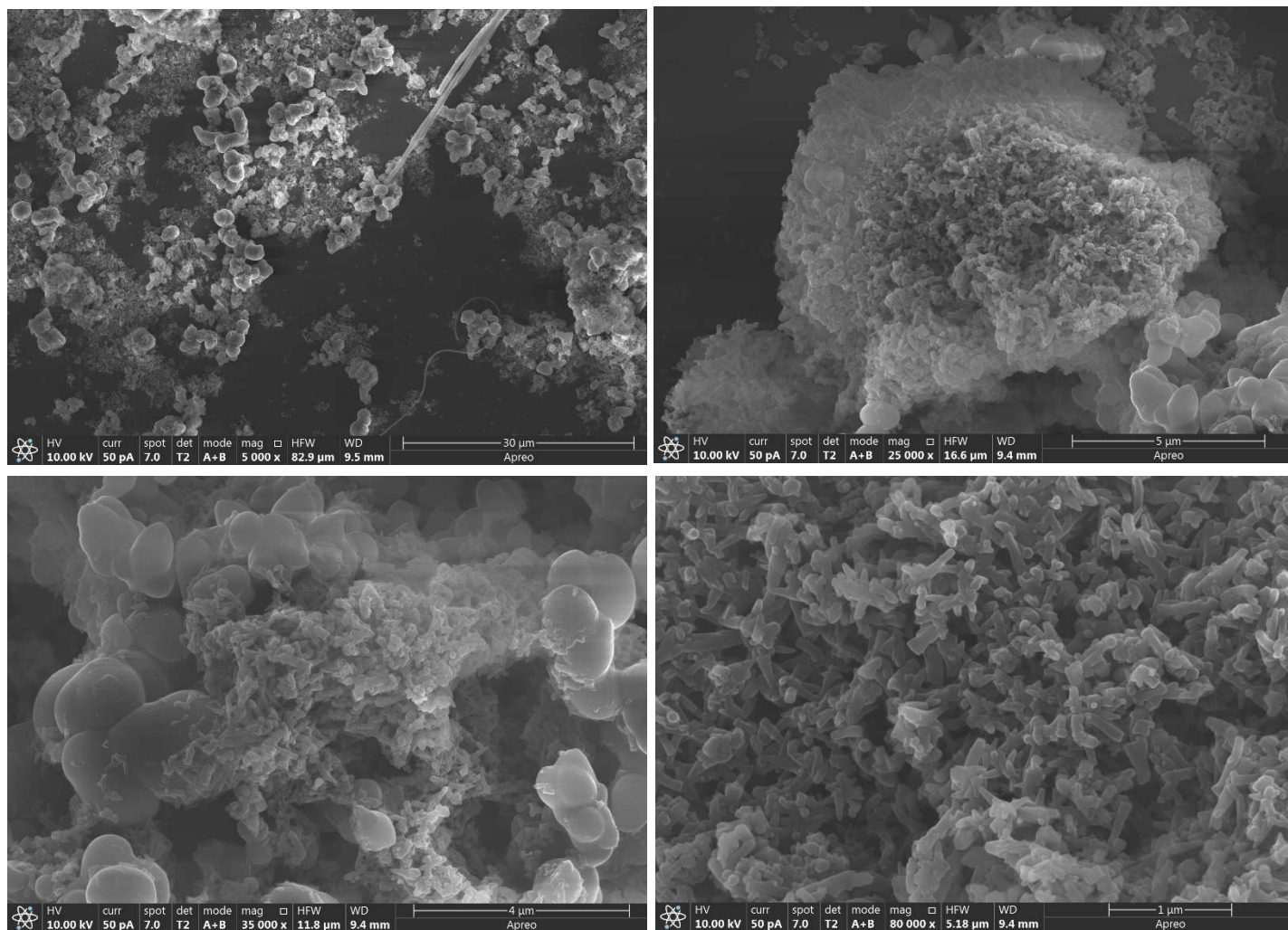


Figure S15. SEM images of the NH_4CN polymer synthesized at 170 °C with a reaction time of 90 min.

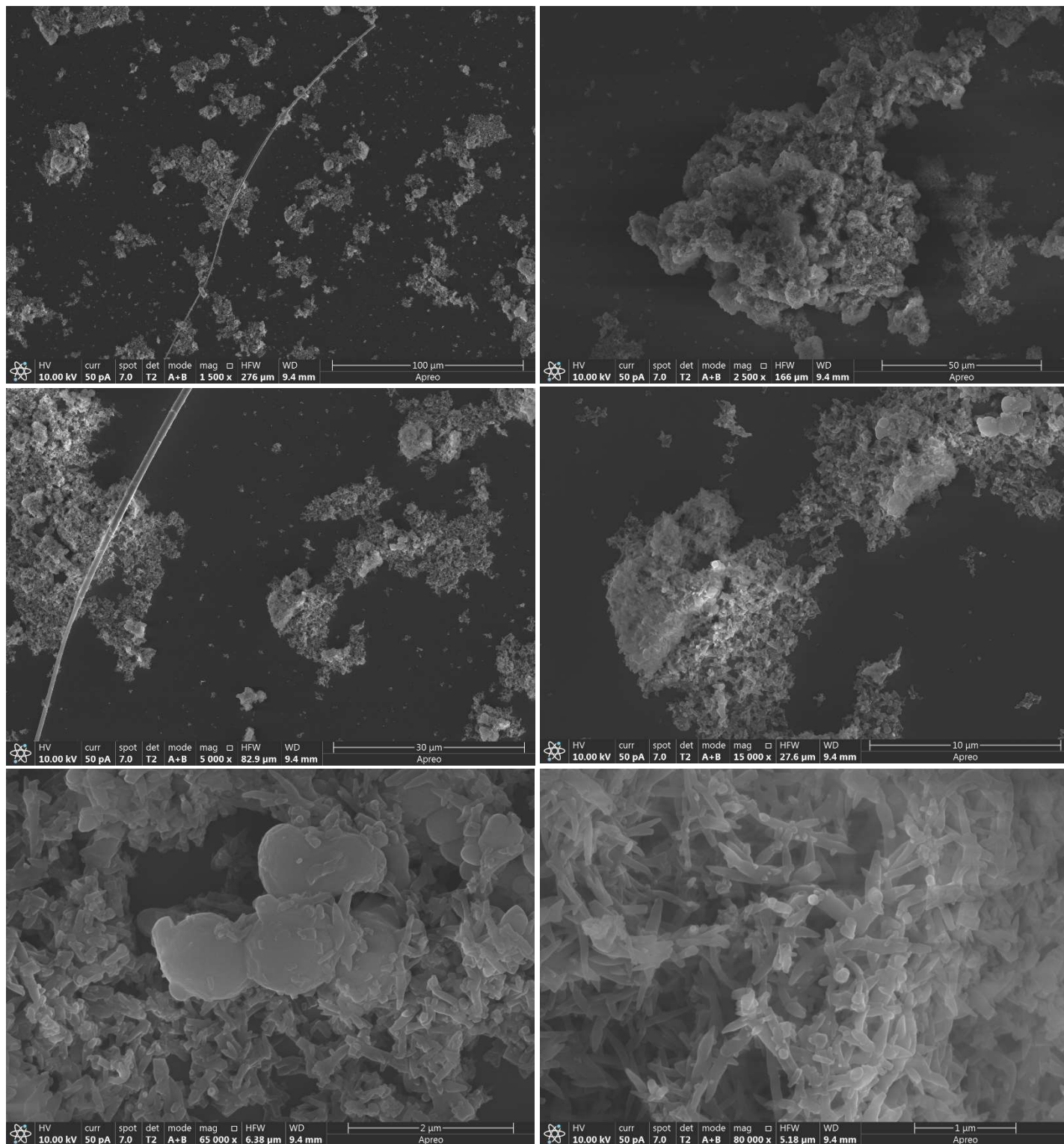


Figure S16. SEM images of the NH_4CN polymer synthesized at 170 $^{\circ}\text{C}$ with a reaction time of 105 min.

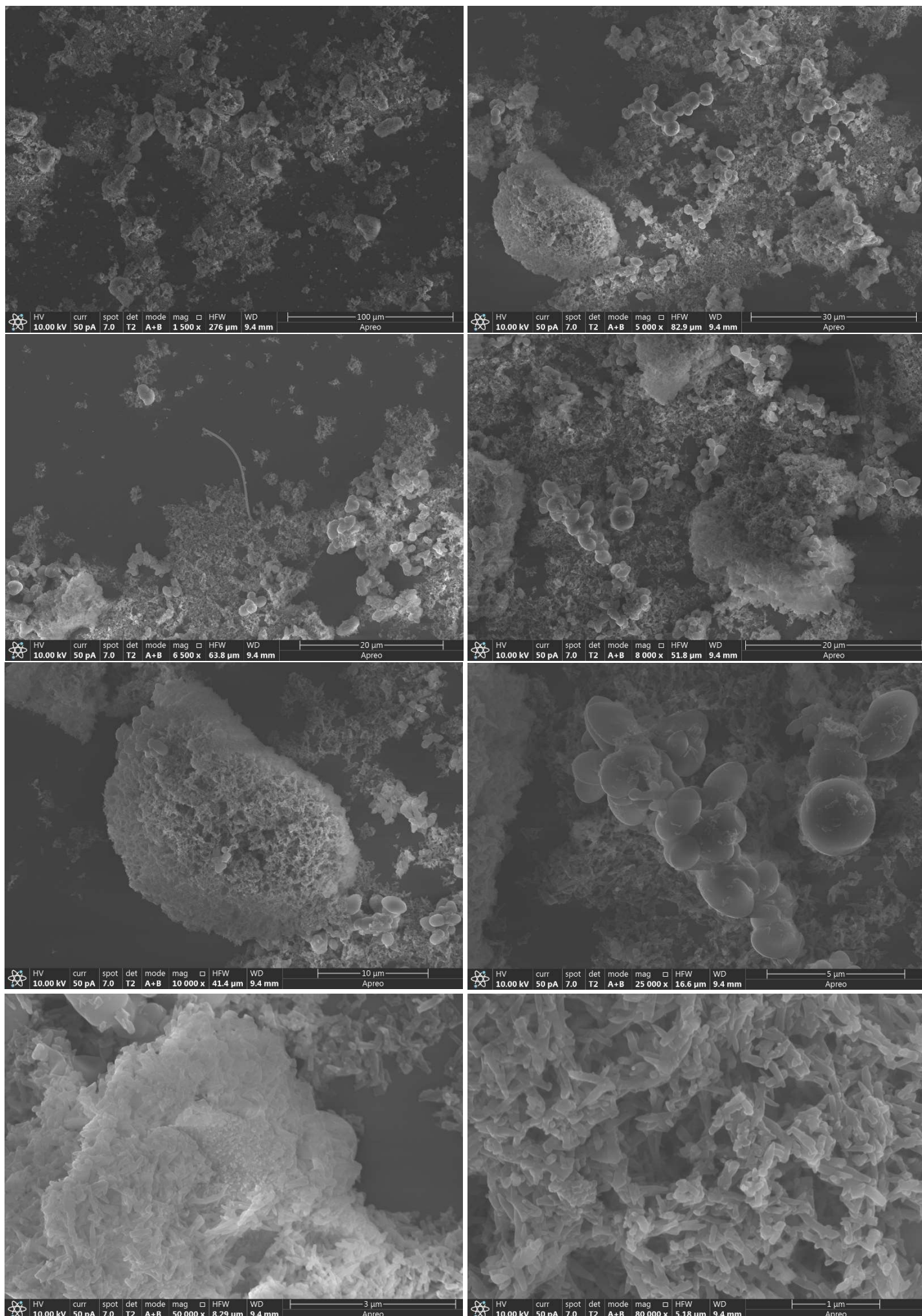


Figure S17. SEM images of the NH_4CN polymer synthesized at 170°C with a reaction time of 120 min.