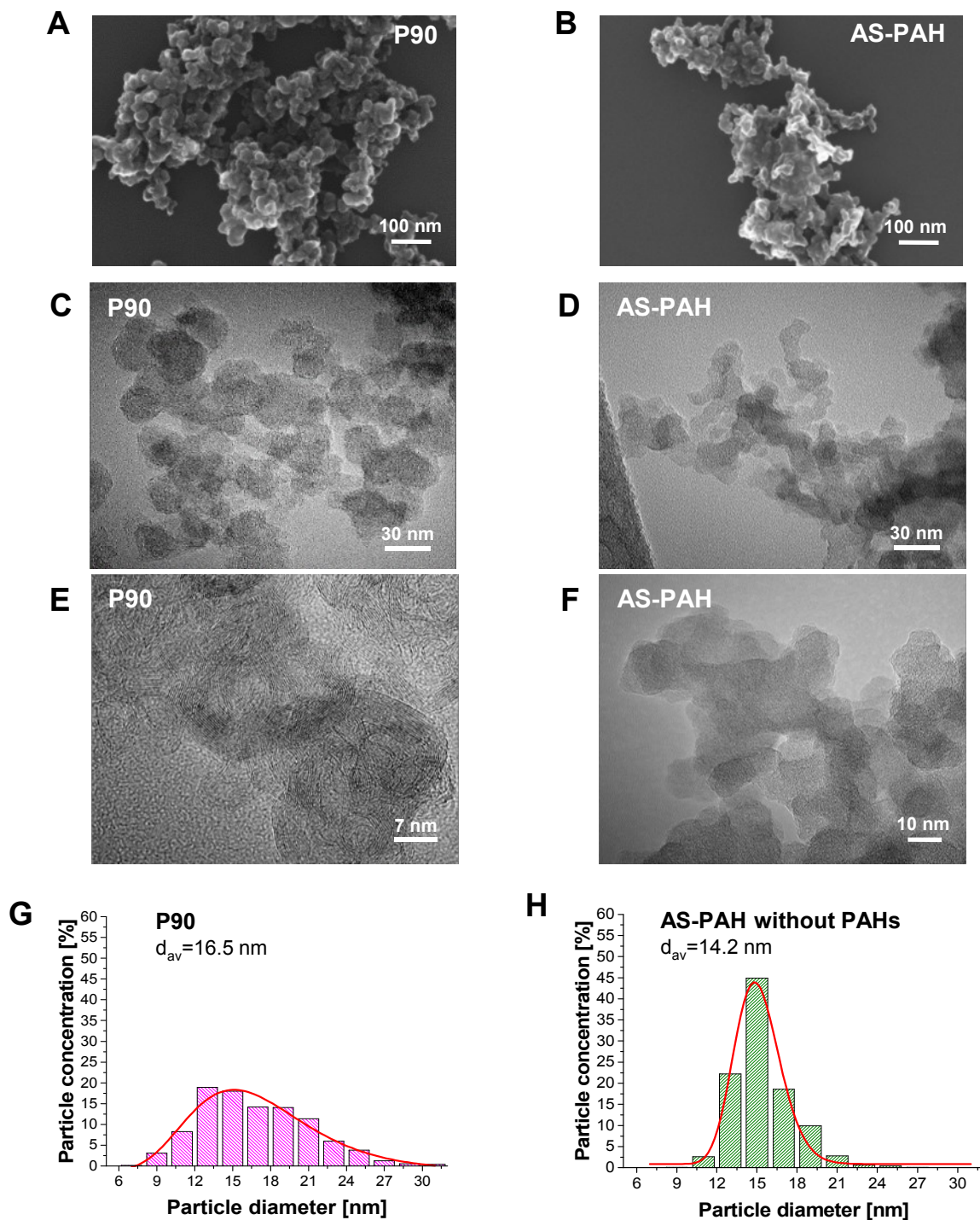


## Additional file 1



### Electron microscopic images of P90 and AS-PAH

**A,B**) show representative scanning electron microscopic images of P90 (**A**) and PAH-depleted AS-PAH (**B**). **C-F**) show representative transmission electron microscopic images of P90 (**C,E**) and PAH-depleted AS-PAH (**D,F**). **G,H**) Diagrams display the particle size distributions of P90 (**G**) and AS-PAH without PAH (**H**).