Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Fabrication of regenerated cellulose nanoparticles by mechanical disintegration of cellulose after dissolution and regeneration from deep eutectic solvent

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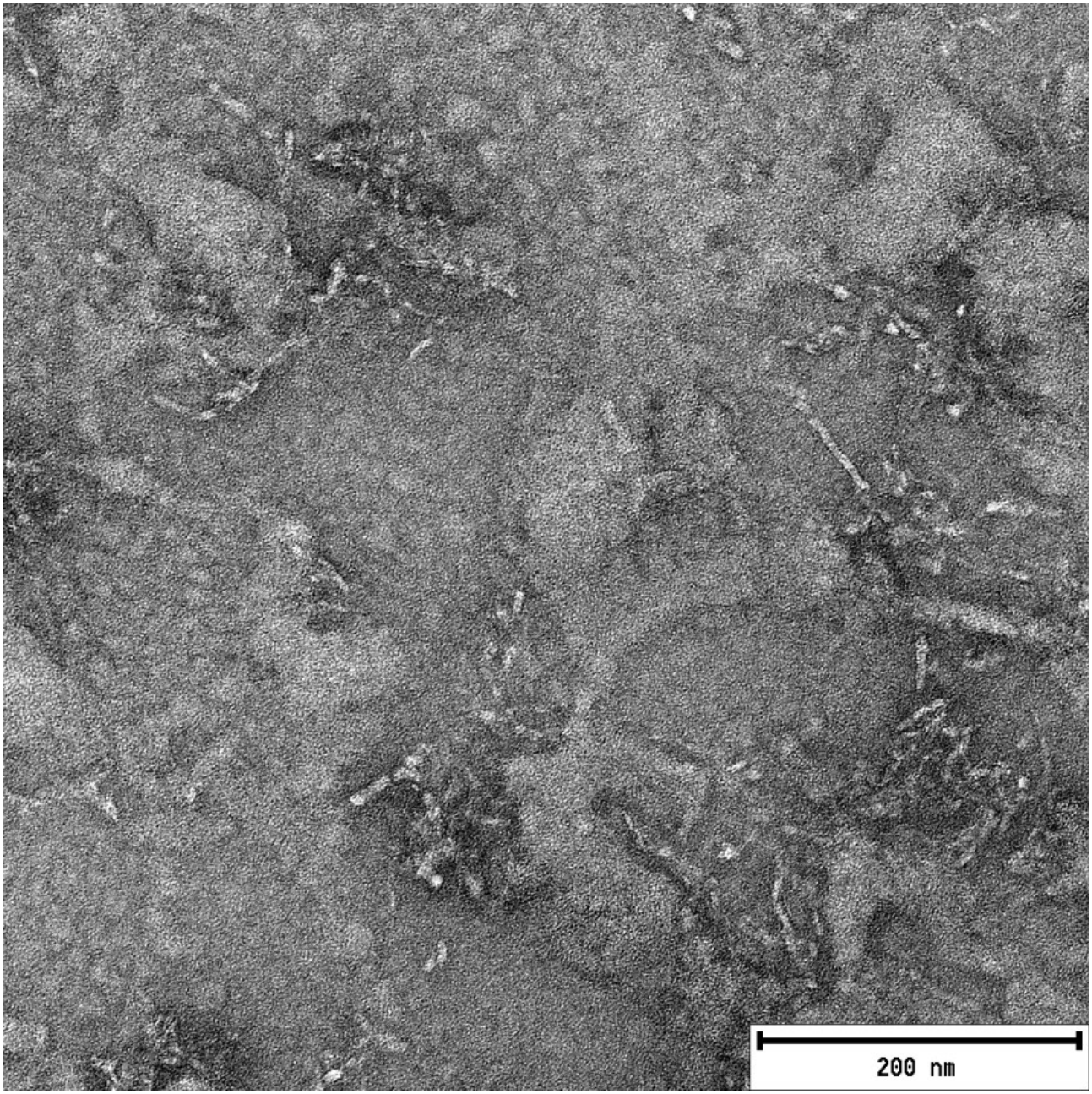

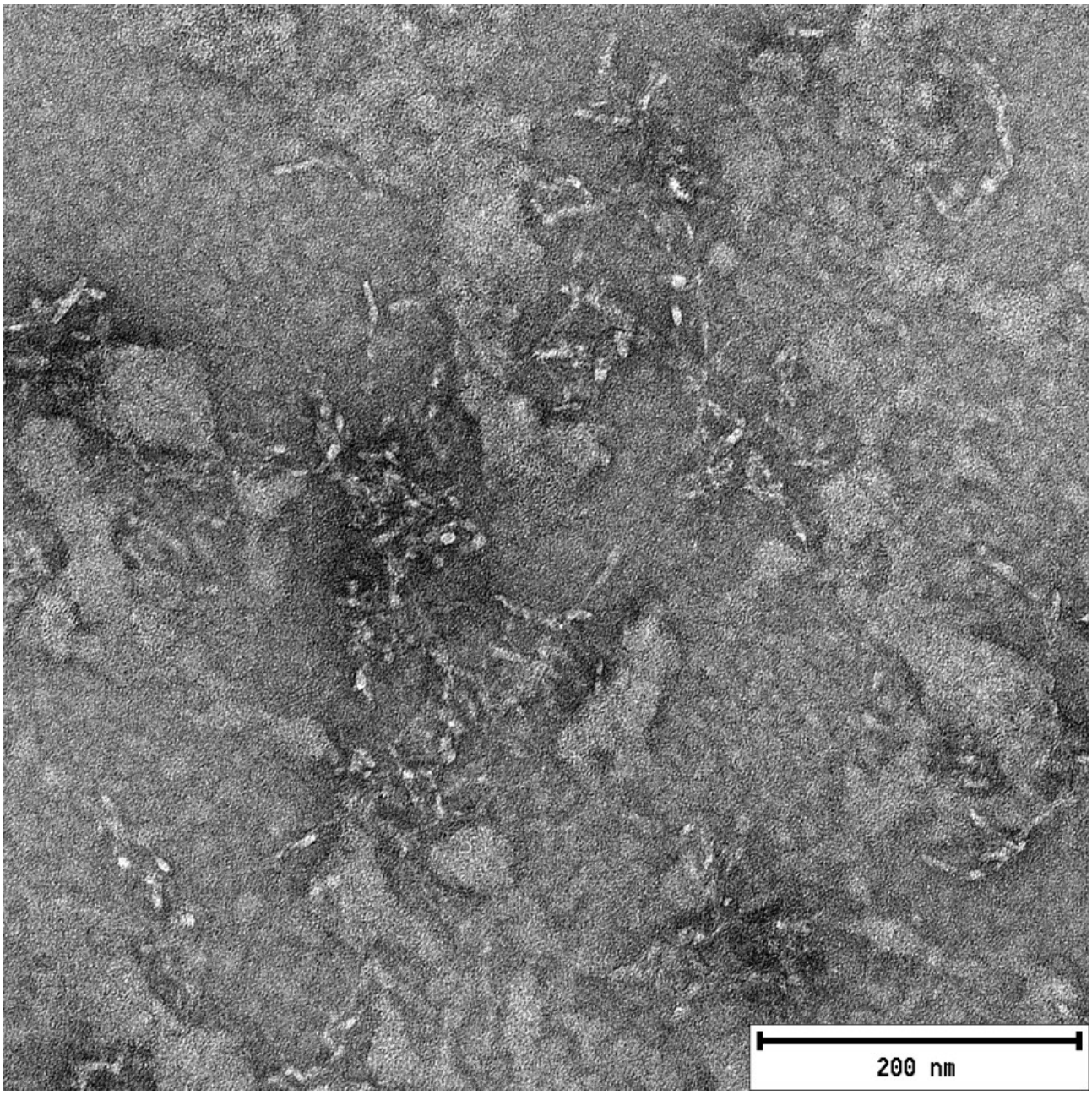
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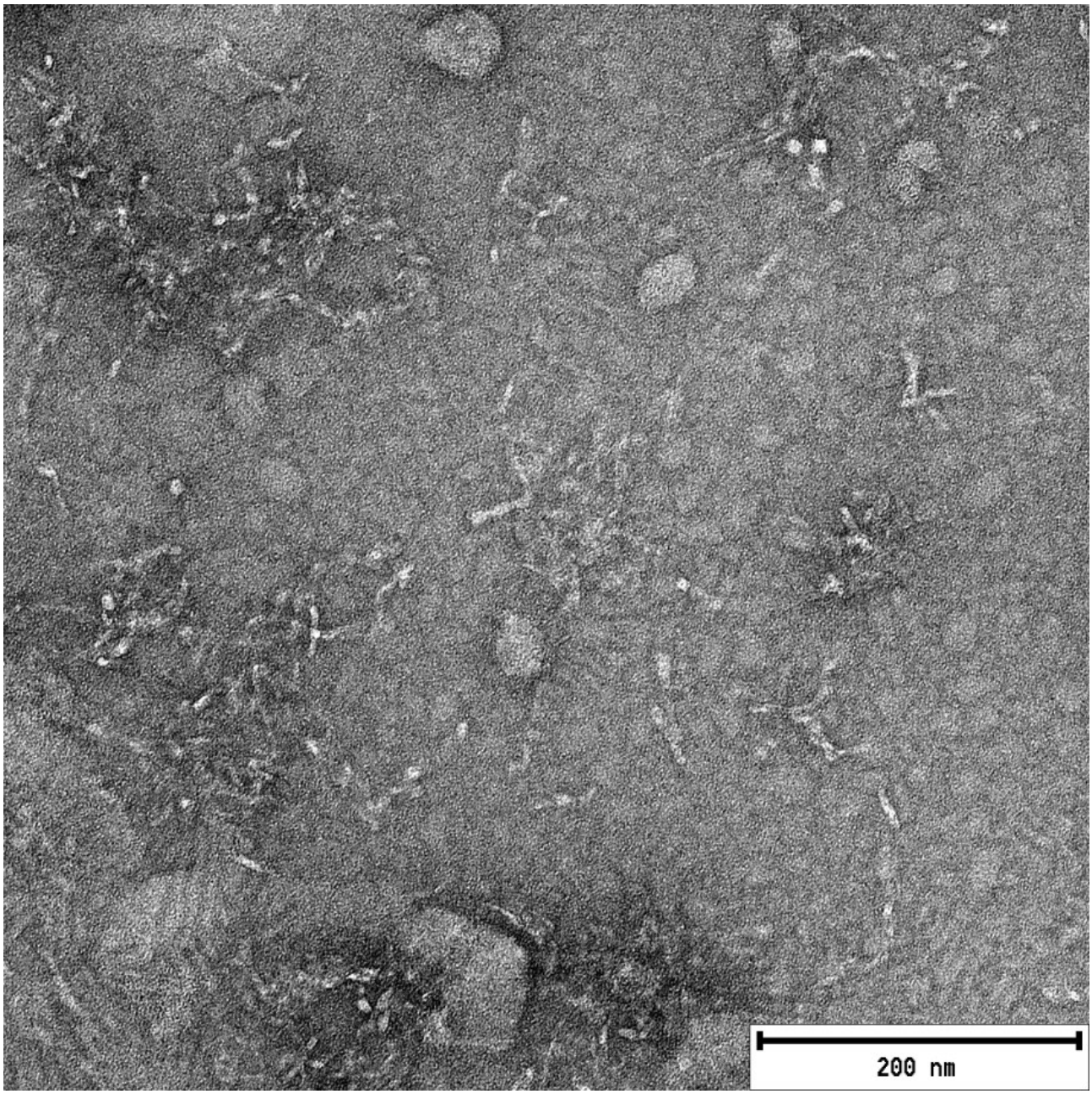
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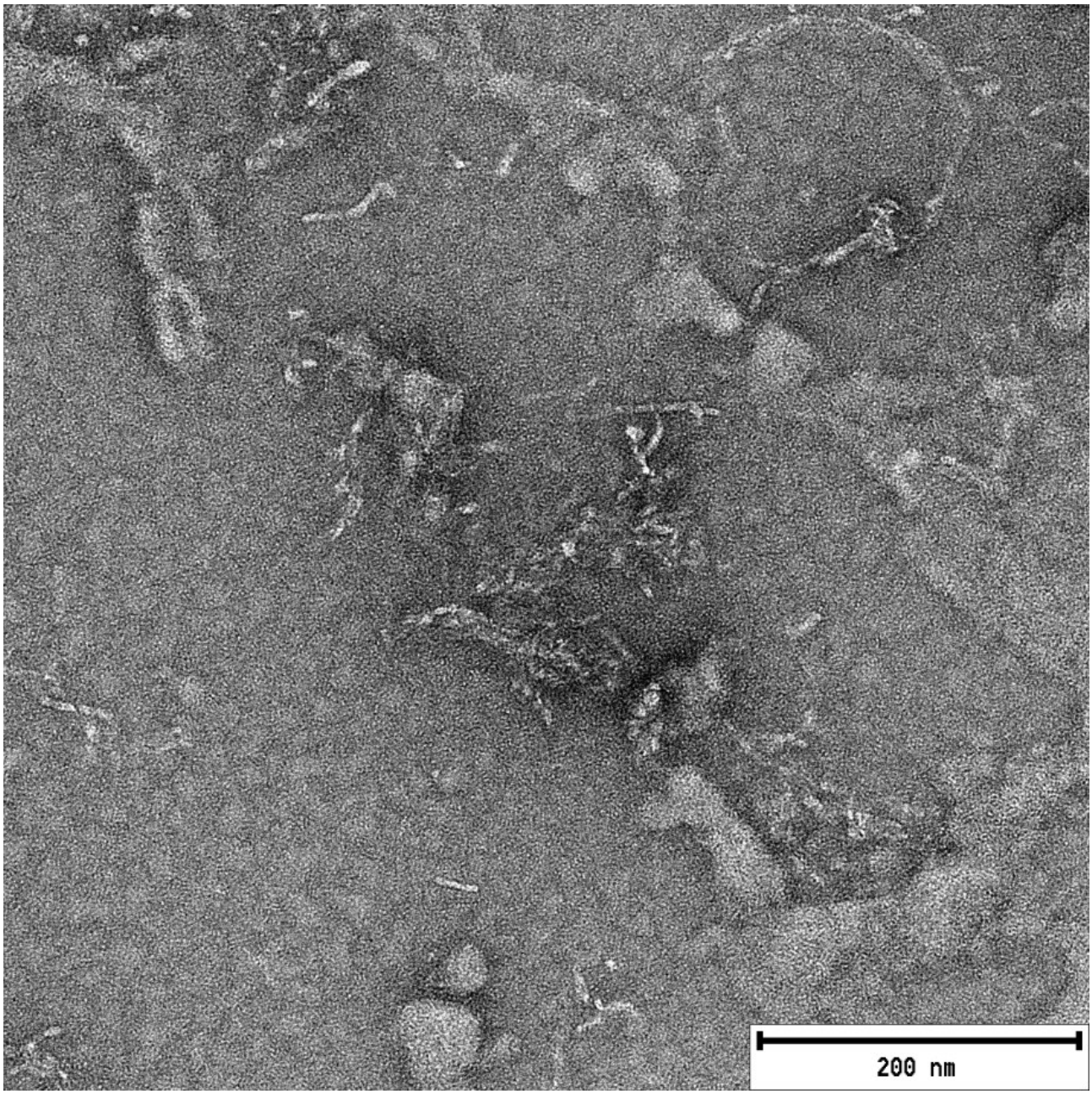
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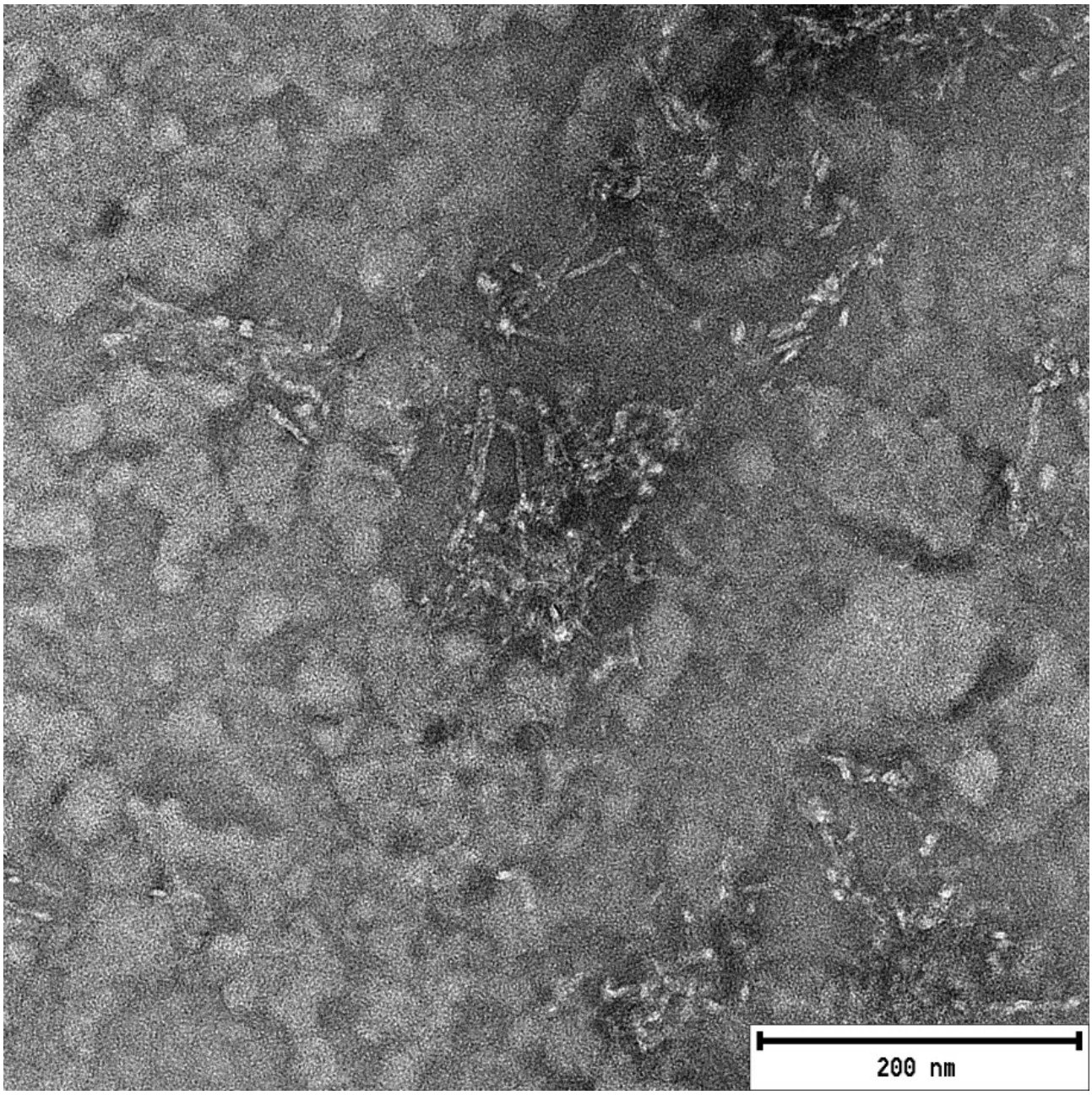
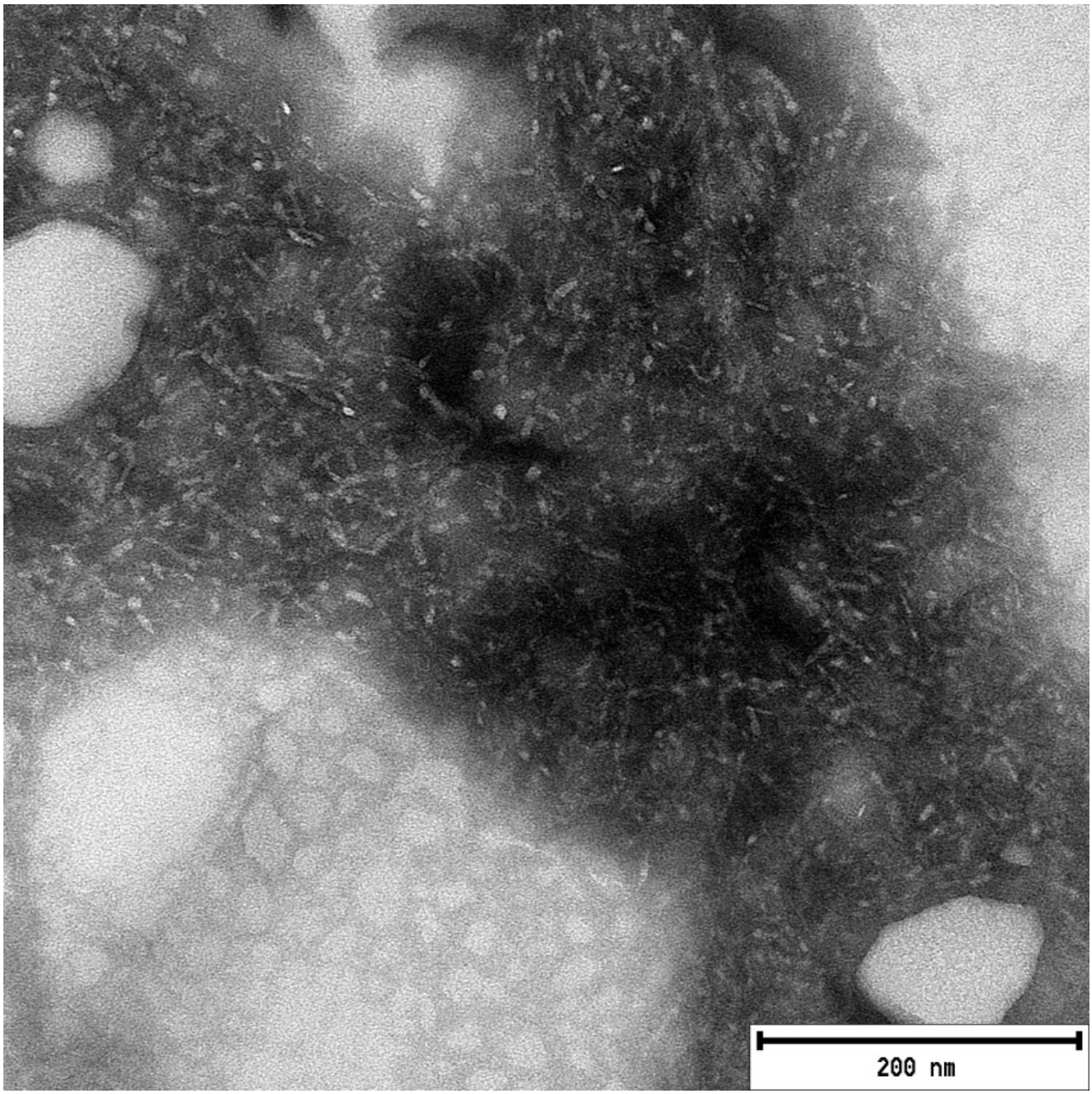


Figure S1. TEM images of dissolving pulp-based RCNPs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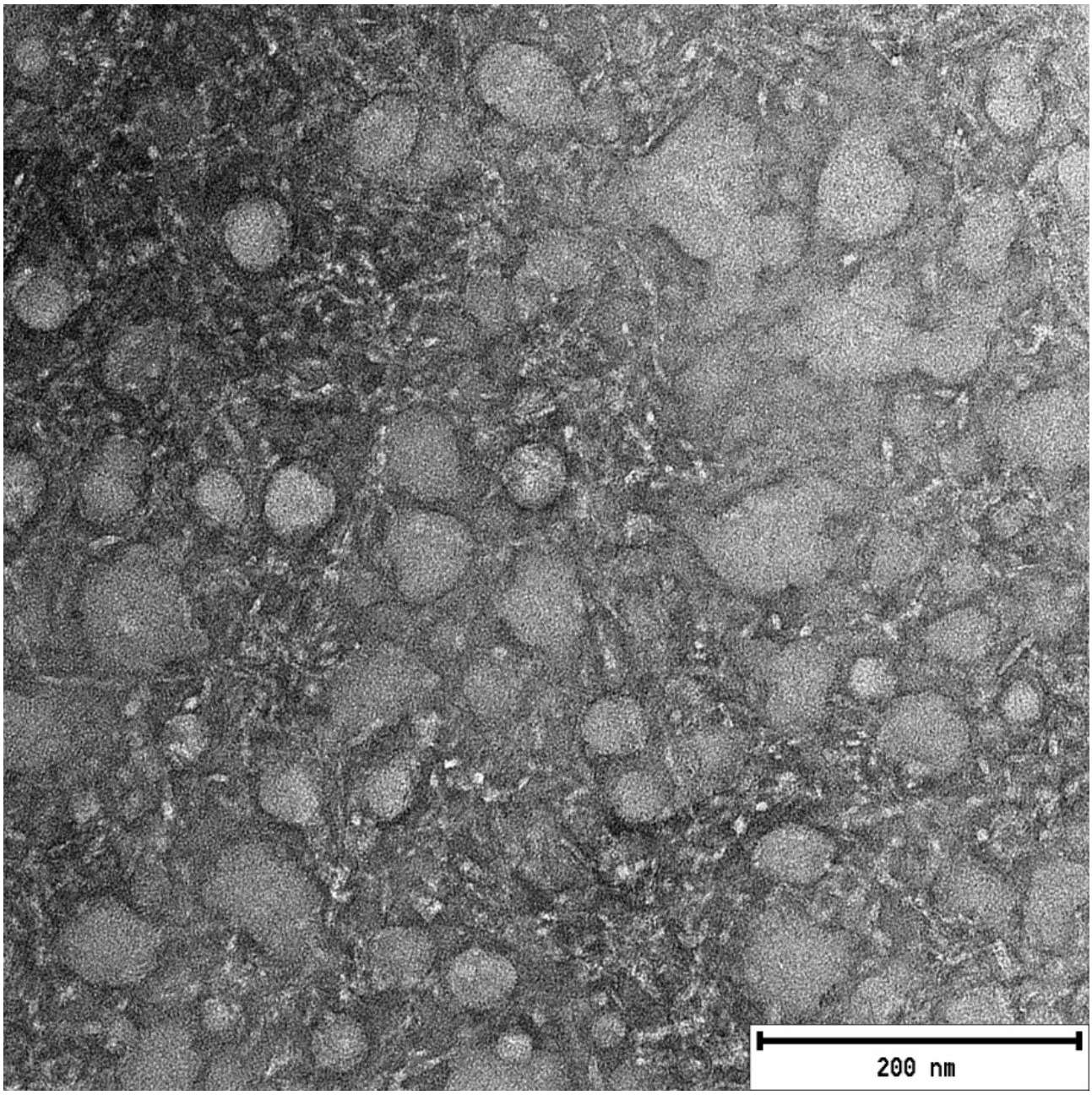
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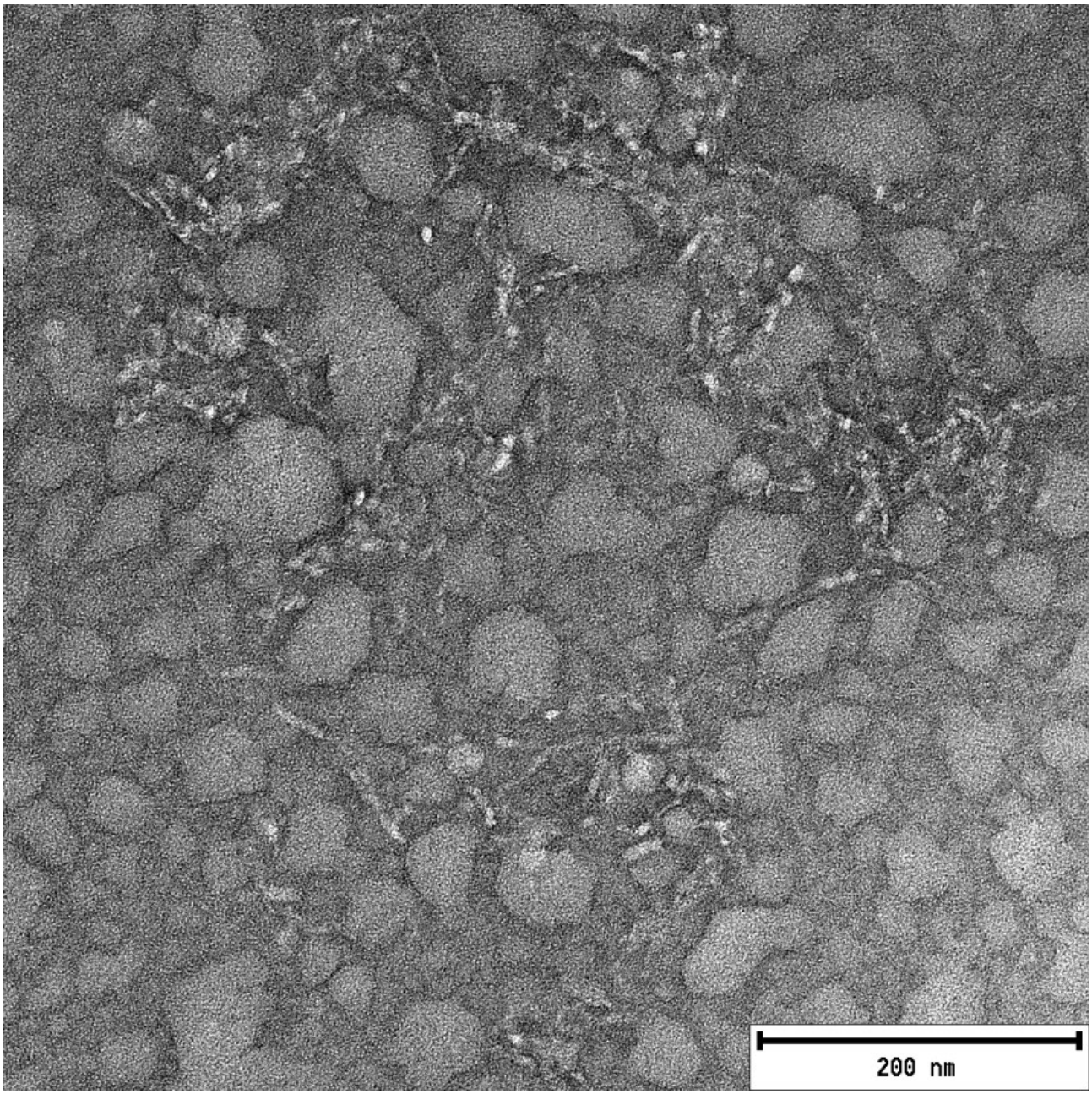
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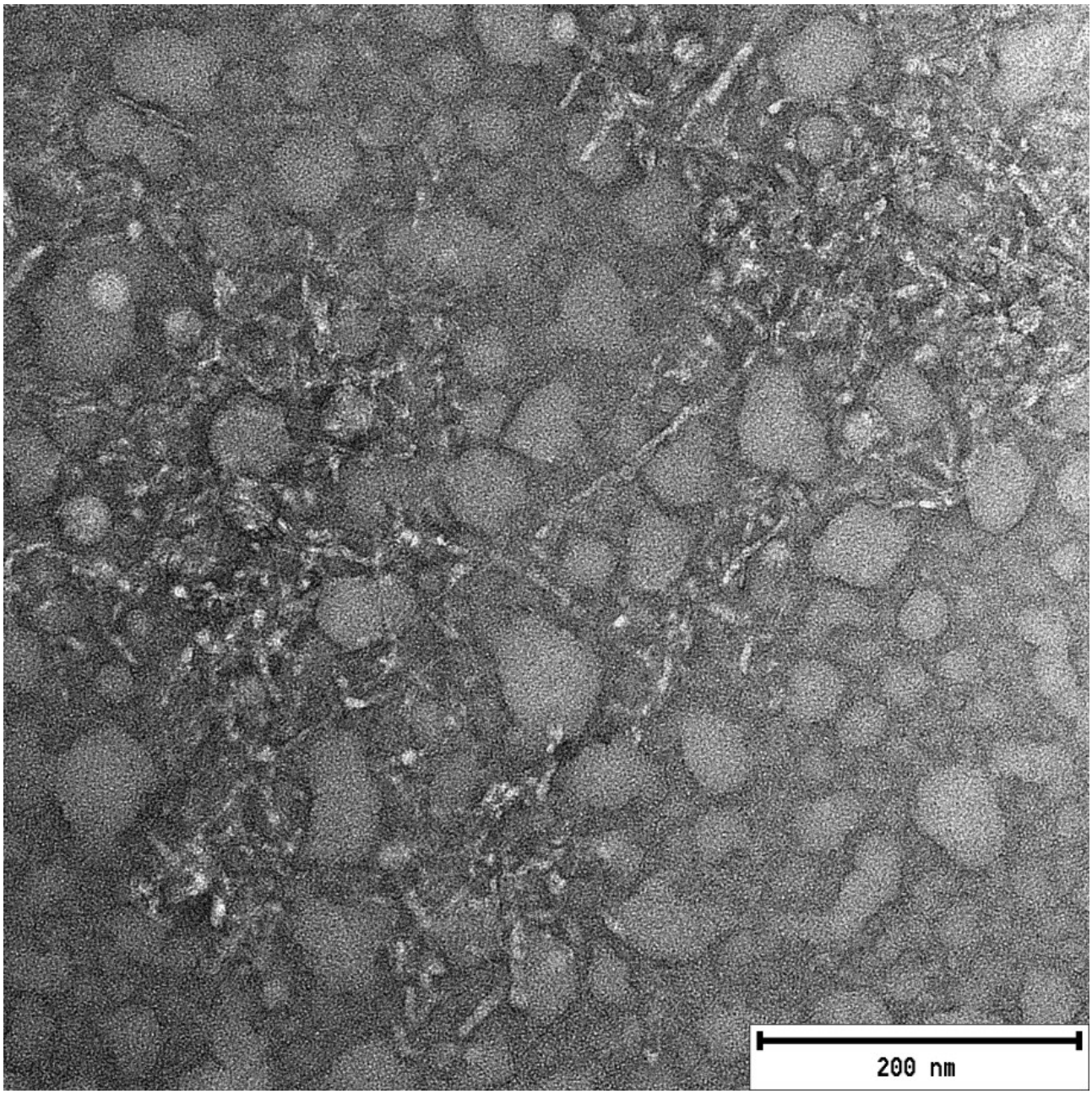
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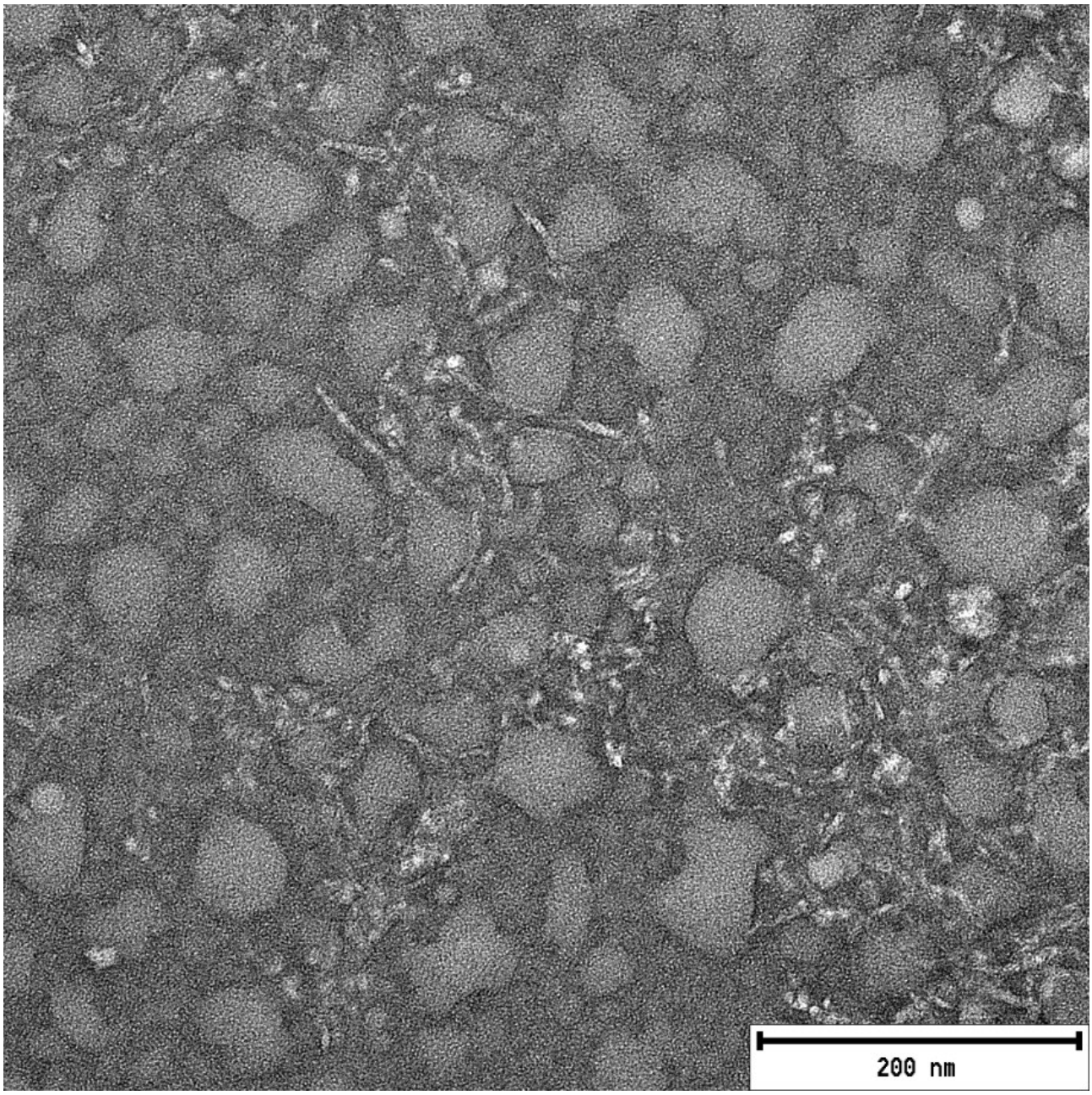

Figure S2. TEM images of MCC-based RCNPs

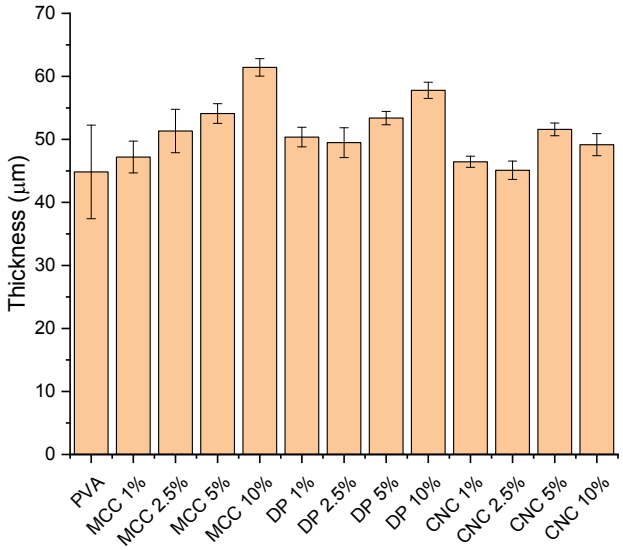

Figure S3. Thickness of pristine PVA film and composites with various amount of different nanoparticles (MCC = MCC based regenerated cellulose nanoparticles; DP = dissolving pulp based regenerated cellulose nanoparticles; CNC = commercial cellulose nanocrystals).