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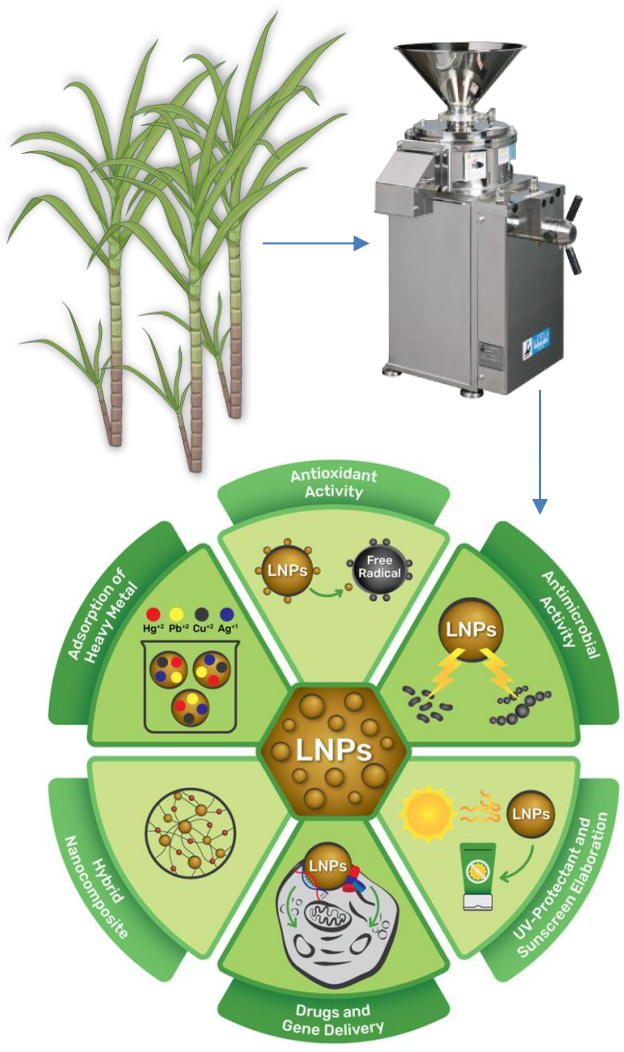
Lignin nanoparticles produced by solvent and mechanical routes: Effects on structure, stability, and scalability

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Introduction



Methodology

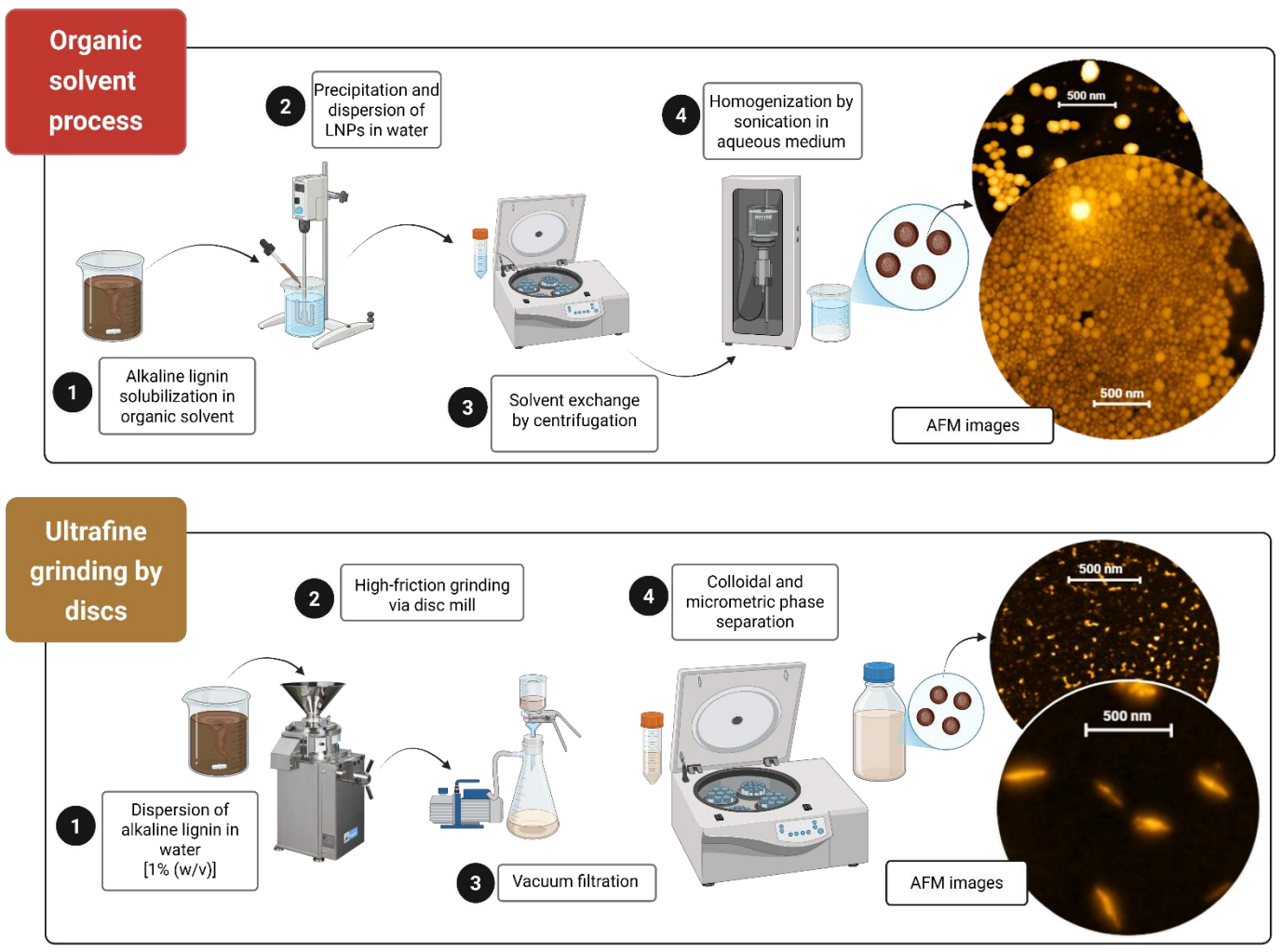


Fig. 1 LNP production methodology: a) LNP production via organic solvent route;) LNP production via ultrafine grinding route.

Results and Discussion

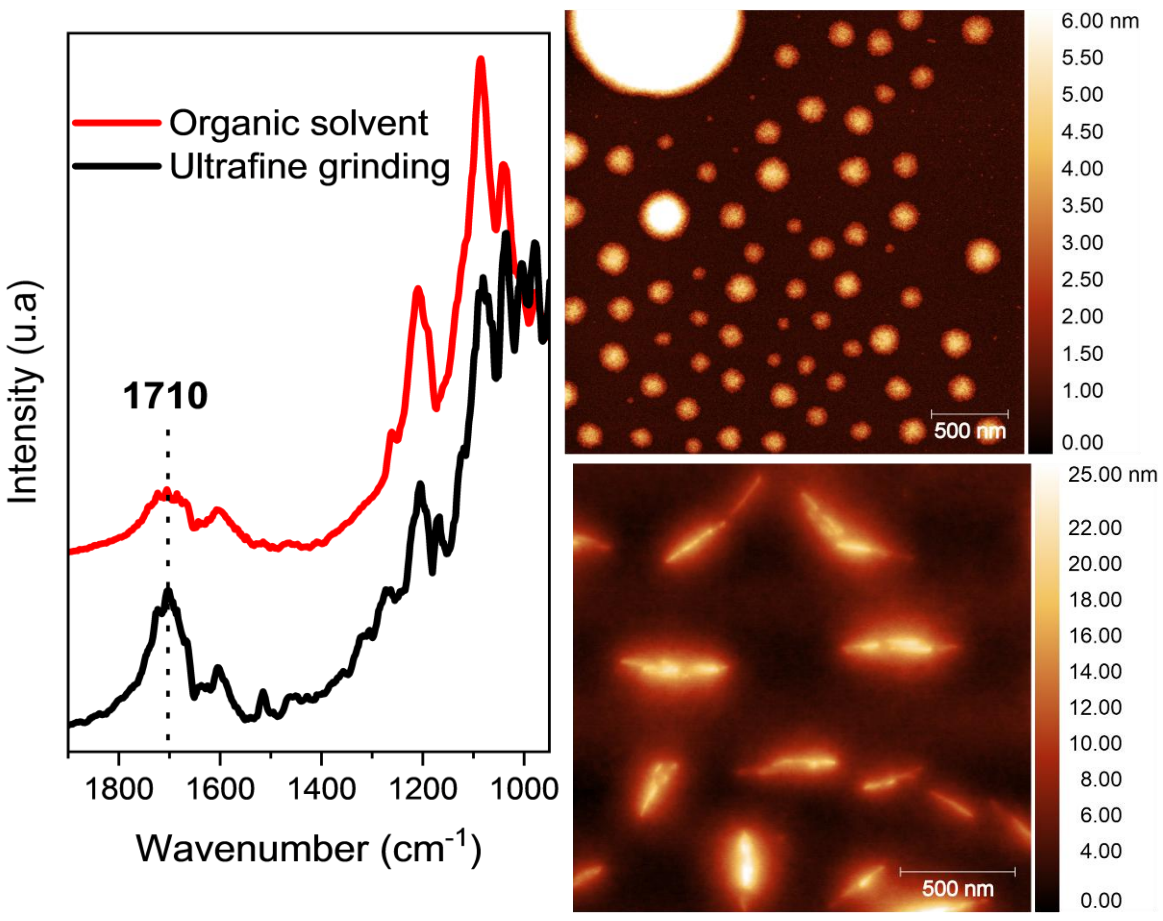


Fig. 2 a) AFM-IR spectra; b) LNP by organic solvent AFM image; c) LNP by ultrafine grinding AFM image.

Conclusions

Sample	Yield
Organic solvent	2.5%
Ultrafine grinding	62.3%

Spheres (uniform and individual)	Irregular Shape

References and Aknowledgments

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