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### ACCEPTED MANUSCRIPT

## Supercritical antisolvent coprecipitation mechanisms

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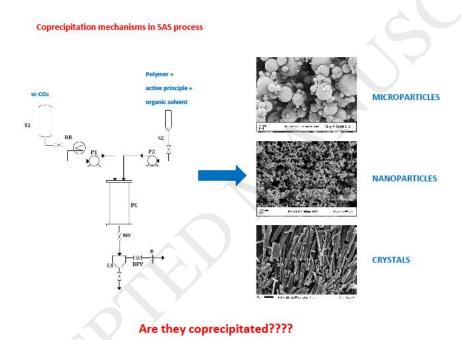
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#### **Graphical abstract**



#### **HIGHLIGHTS**

- Coprecipitated nanoparticles, microparticles, crystals and films produced by SAS;
- competition between jet break-up time and interfacial tension vanishing time;
- influence of vapor liquid equilibria on polymer and active principle coprecipitation.

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