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Cellulose nanofibers produced from banana peel by chemical and mechanical treatments: characterization and cytotoxicity assessment

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Highlights

- > CNFs were isolated from banana peel using acid and mechanical treatments
- > CNFs showed no cytotoxic effect against Caco-2 at concentrations lower than 500 $\mu\text{g/mL}$
- > Banana peel CNFs have potential application as reinforcing agent in polymeric matrices

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