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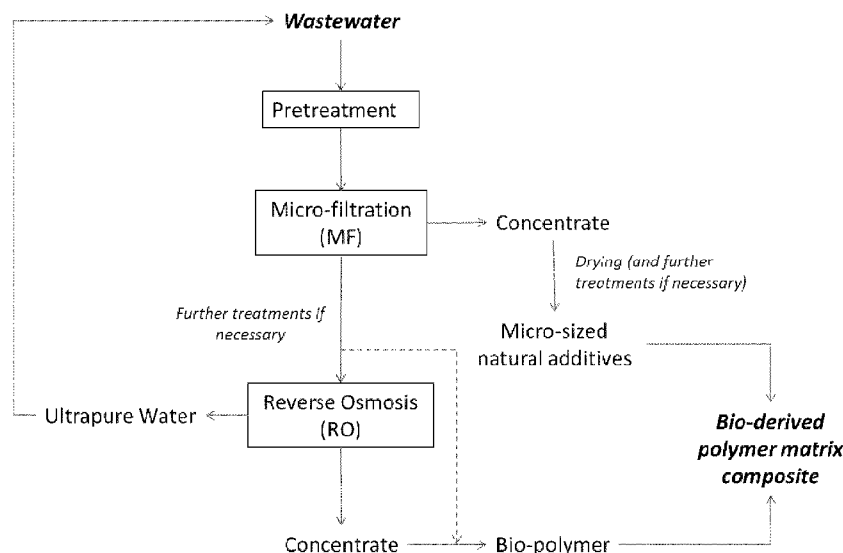
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(54) Title: METHODS FOR PRODUCING BIOPOLYMER MATRIX COMPOSITES



(57) Abstract: A bio-derived polymer matrix composite originating from a single wastewater stream and a method for the production of such bio-derived polymer matrix composites from a single wastewater stream are herein disclosed. The process disclosed allows production of both the bio-derived polymer matrix and the additive, the main constituents of the composite, at the same time from a unique wastewater stream source. In a preferred embodiment, this invention is applied but not limited to the production of a polyhydroxyalkanoate (PHA) composite from a single olive mill wastewater (OMW) stream. An application of such composites is represented by but not limited to the use as materials to make agricultural items.