

## **POLYMERS AND AGRICULTURE: PRESENT AND PROMISING TECHNOLOGICAL FUTURE**

Mattoso, Luiz H.C.

Embrapa Instrumentation, National Laboratory of Nanotechnology for  
Agribusiness, São Carlos, SP, Brazil

There is enormous technological potential for growth in the development of materials from renewable sources, which meet the concepts of green chemistry, bioeconomy, sustainability, and circularity sought worldwide. This lecture will present new approaches for the development of polymeric materials from a renewable source for applications of high technological potential, such as packaging and biodegradable products, films and edible coatings for food, sensors, biosensors, and electronic devices, systems for the controlled release of pesticides, fertilizers, and drugs, tissue engineering, among others.

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