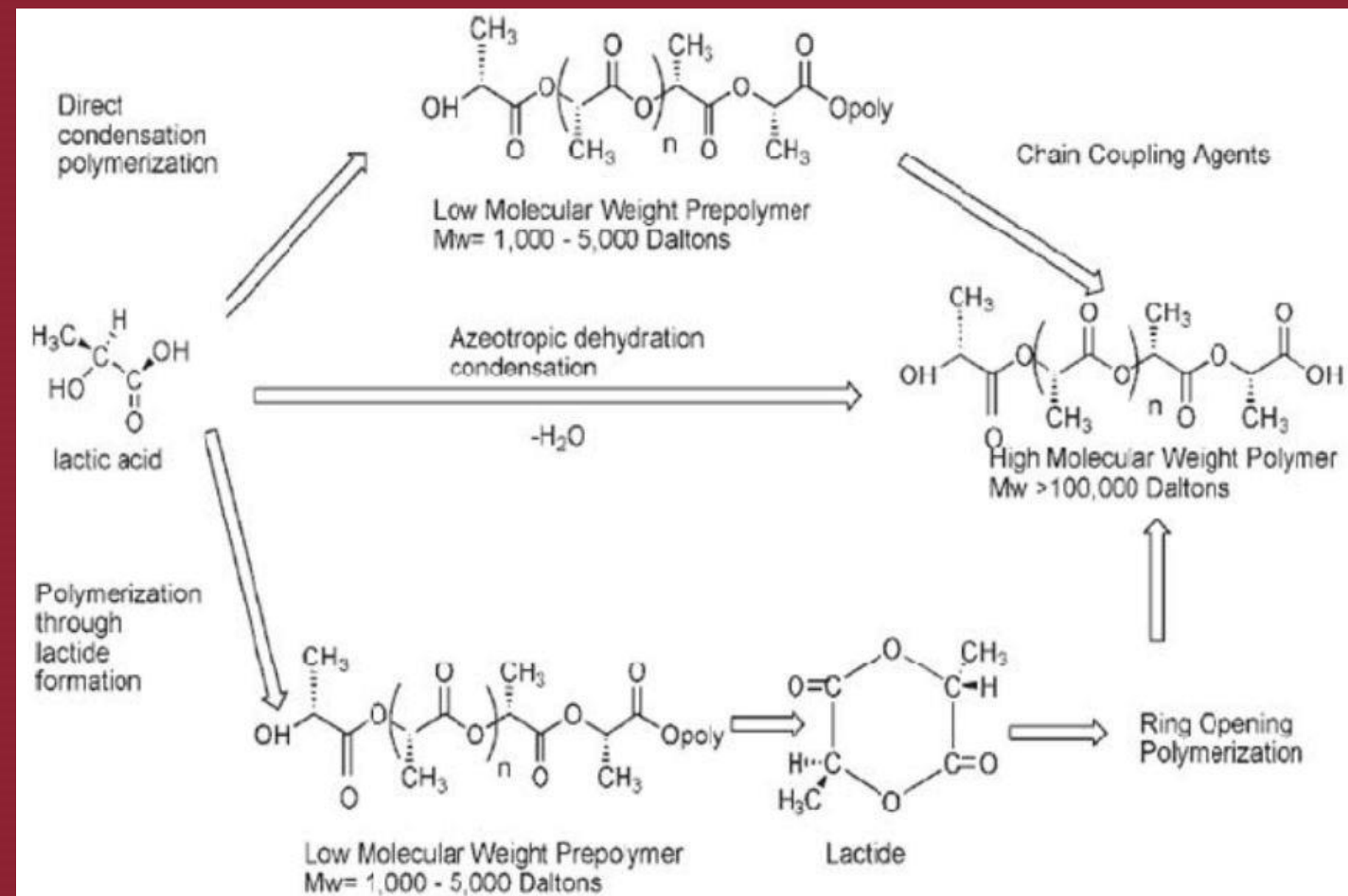


# Reaction Process for the Creation of Poly-Lactic Acid (PLA)

Team 2020

## Project Description

We are designing a process to produce a bioplastic from renewable feedstock. Due to the toxic chemical emissions and non-sustainability of petroleum associated with traditional methods of plastic production, it is becoming increasingly important to find sustainable methods and renewable sources for plastic production. Our goal is to design a process to produce PLA—a bioplastic that is biodegradable, biologically safe, and food safe—at an economically competitive price.



Team Members: Caleb Pickens, Daniel Kim, Joel Baker