Microbial synthesis and degradation of polyhydroxyalkanoates (PHAs)

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Propositions

Accompanying the thesis

Microbial synthesis and degradation of polyhydroxyalkanoates (PHAs)

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1. Nature is the best teacher. (***This thesis***)

2. The durability of plastics has two sides. (***Chapter 1***)

3. Optimization of PHAs production needs a multidisciplinary approach to bring it to the next level. (***Chapter 2***)

4. The feast-famine feeding method is a reproducible strategy to obtain mixed microbial cultures able to produce PHAs. (***Chapter 3***)

5. In nature, cooperation and competition go hand in hand. (***Chapter 4***)

6. Maintaining and adapting their functional systems in response to changing environments is challenging for tiny organisms like bacteria. (***Chapter 5***)

7. Studying microorganisms at the level of proteins will lead you to more surprising results. (***Chapter 6***)

8. Turning waste into values is the way toward a sustainable circular economy. (***This thesis***)

9. Never forget why you started your Ph.D. when facing disappointments.

10. Do your best and leave the rest to time.