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## Microbial synthesis and degradation of polyhydroxyalkanoates (PHAs)

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DOI:  
[10.33612/diss.574741105](https://doi.org/10.33612/diss.574741105)

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*Document Version*  
Publisher's PDF, also known as Version of record

*Publication date:*  
2023

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*  
Zhou, W. (2023). *Microbial synthesis and degradation of polyhydroxyalkanoates (PHAs)*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.574741105>

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# **Propositions**

Accompanying the thesis

## **Microbial synthesis and degradation of polyhydroxyalkanoates (PHAs)**

Wen Zhou

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.