

植物内生真菌的分离

1 实验背景

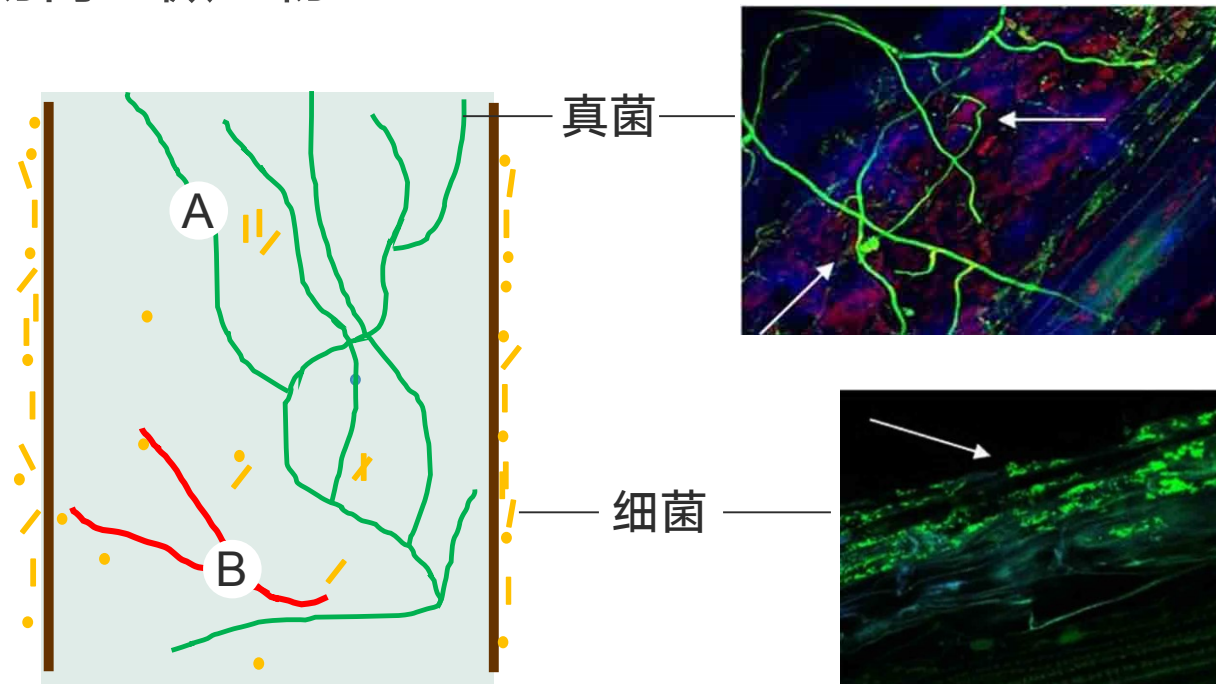
植物内生微生物 (microbial endophyte)

“All microorganisms, including bacteria, fungi, archaea, and unicellular eukaryotes, such as algae and amoebae, which for all or part of their lifetime colonize internal plant tissues.”

Microbiol Mol Biol Rev(2015) 79:293-320.

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植物内生微生物

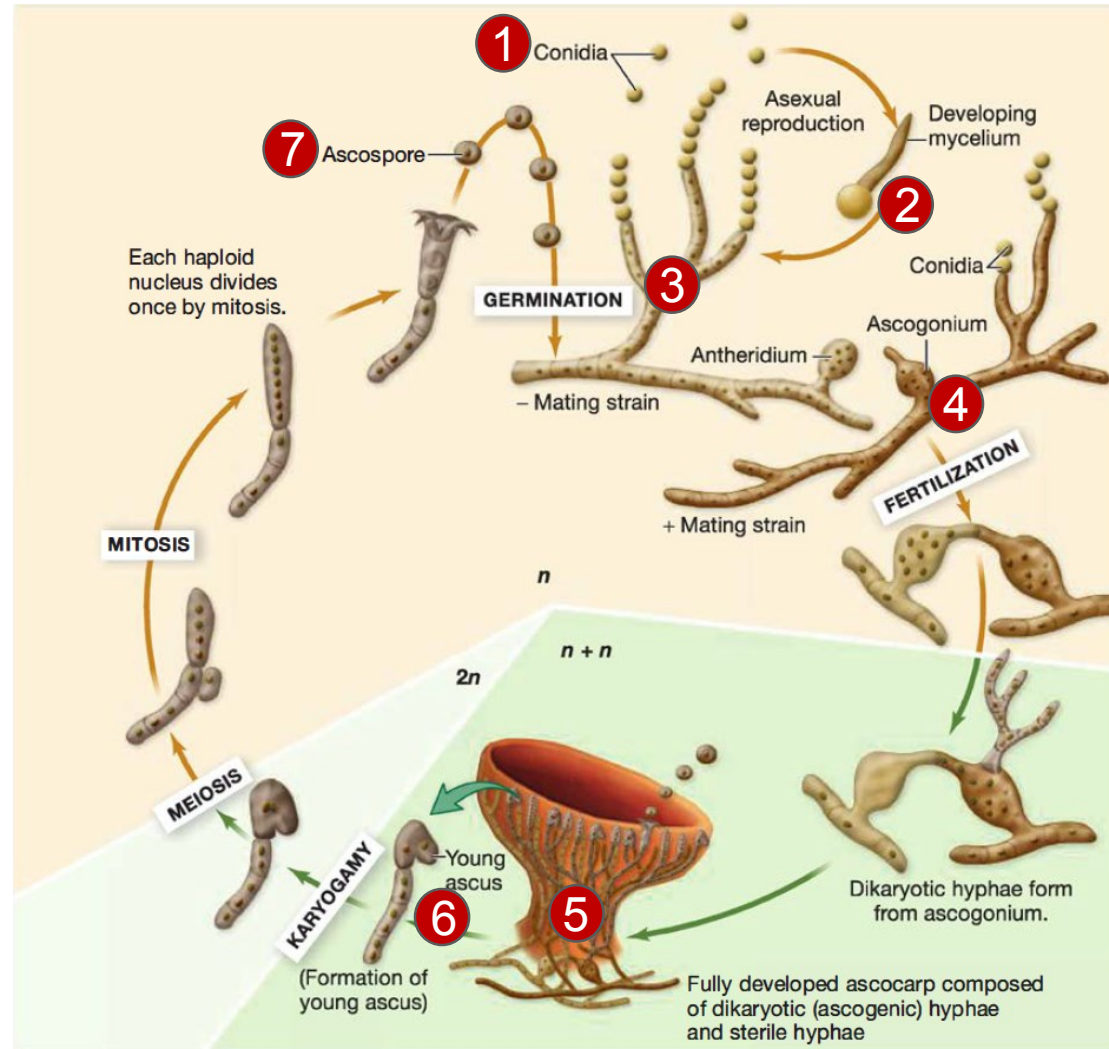


Microbiol Mol Biol Rev(2015) 79:293-320.

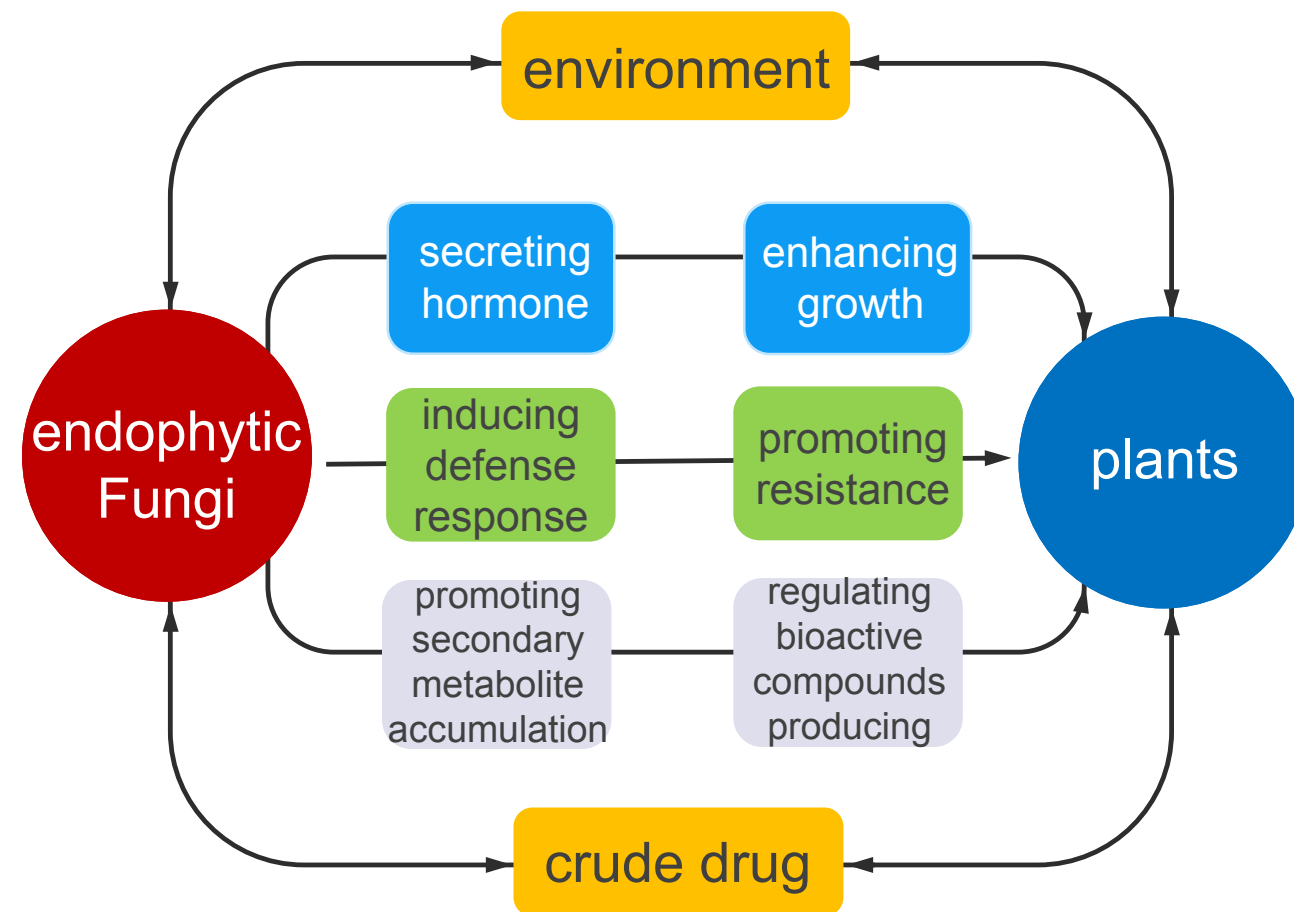
1 实验背景

丝状真菌 生活史

Willey et al.
Prescott's Microbiology,
9th Edition
(2014), p597



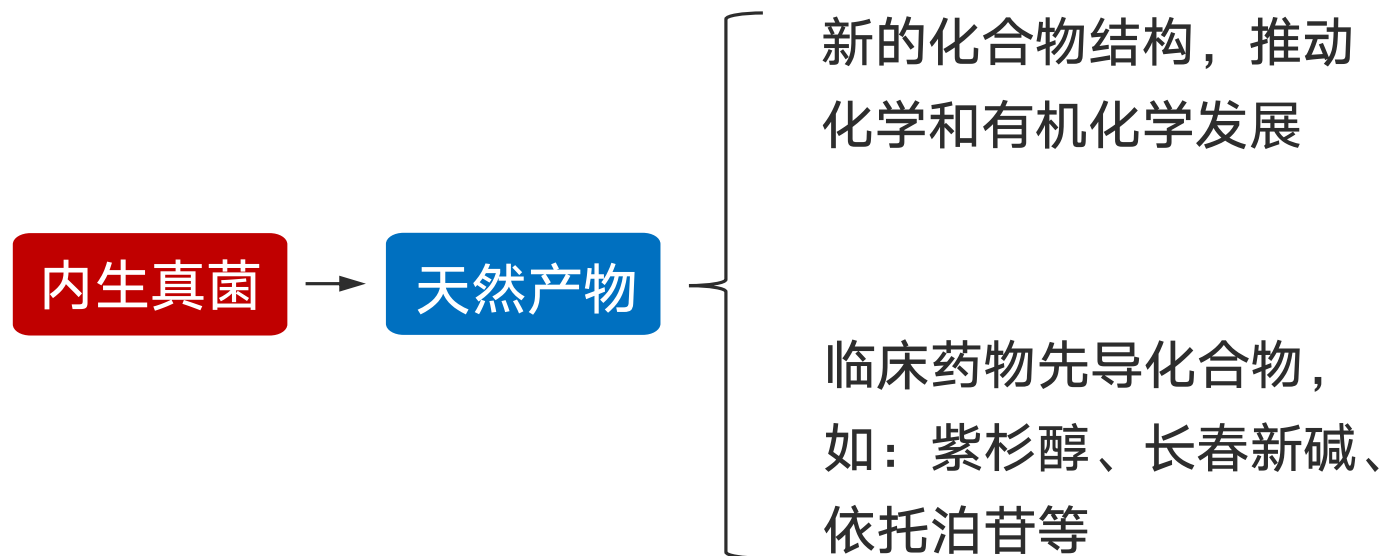
1 实验背景



Front Microbiol (2016) 7: 906.

1 实验背景

研究植物内生真菌的意义



Front Pharmacol(2018) 9: 309.

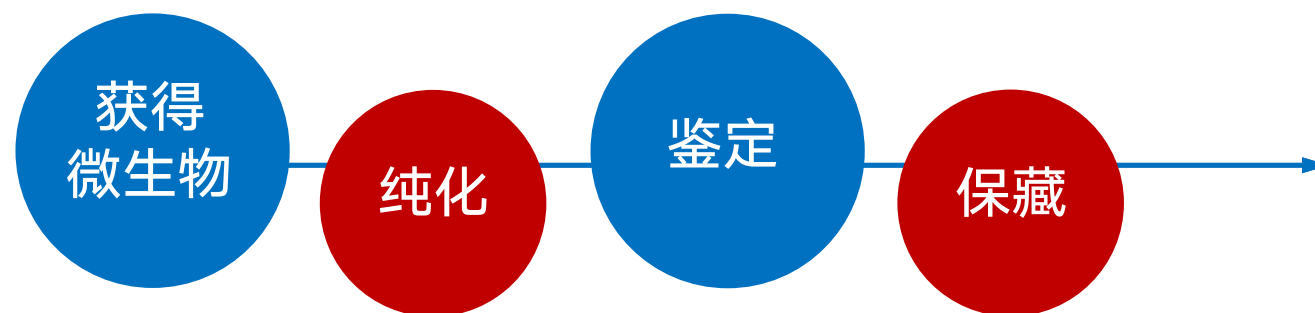
问题：

如何从植物中分离内生真菌？

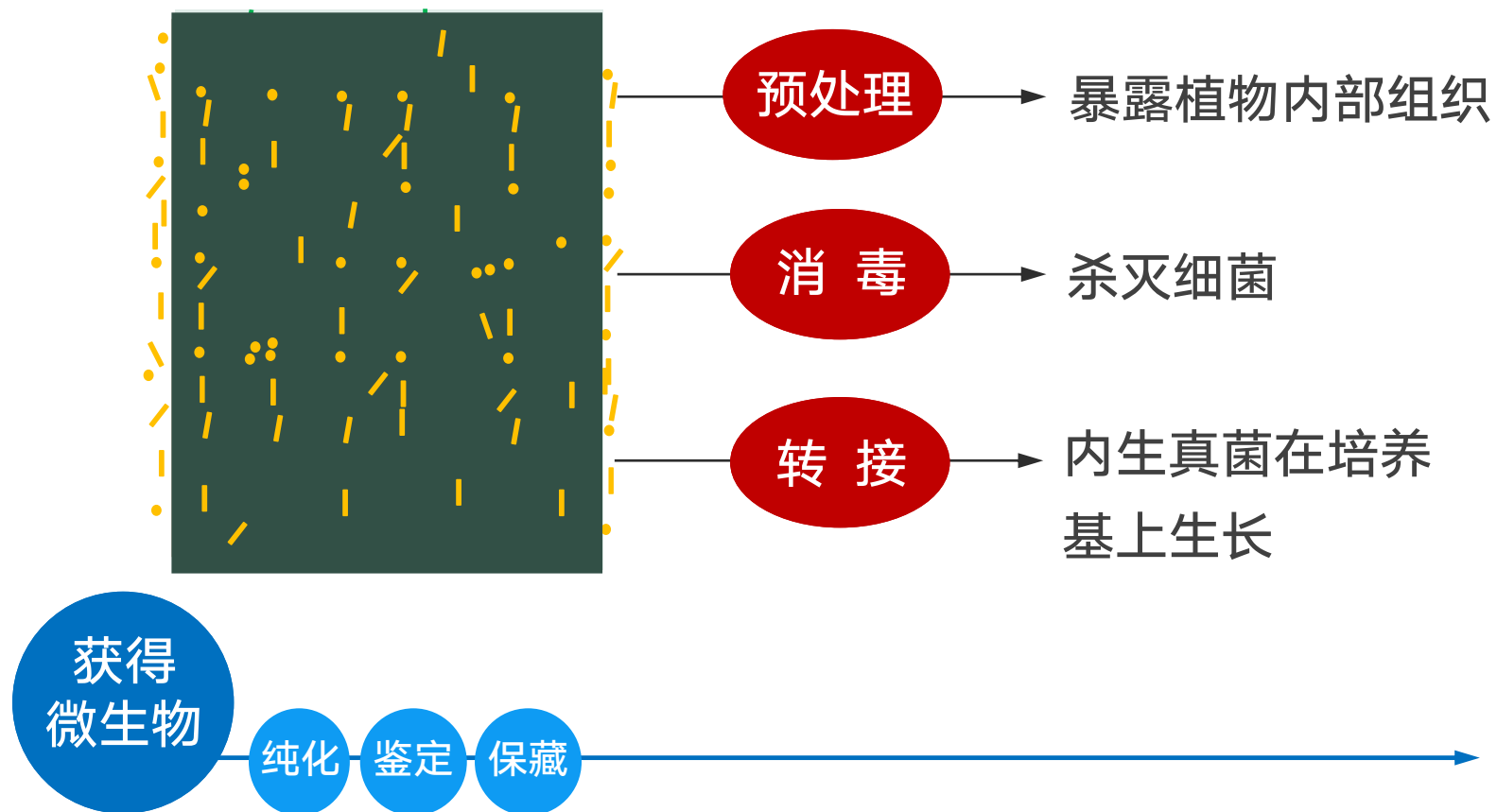


2 实验设计

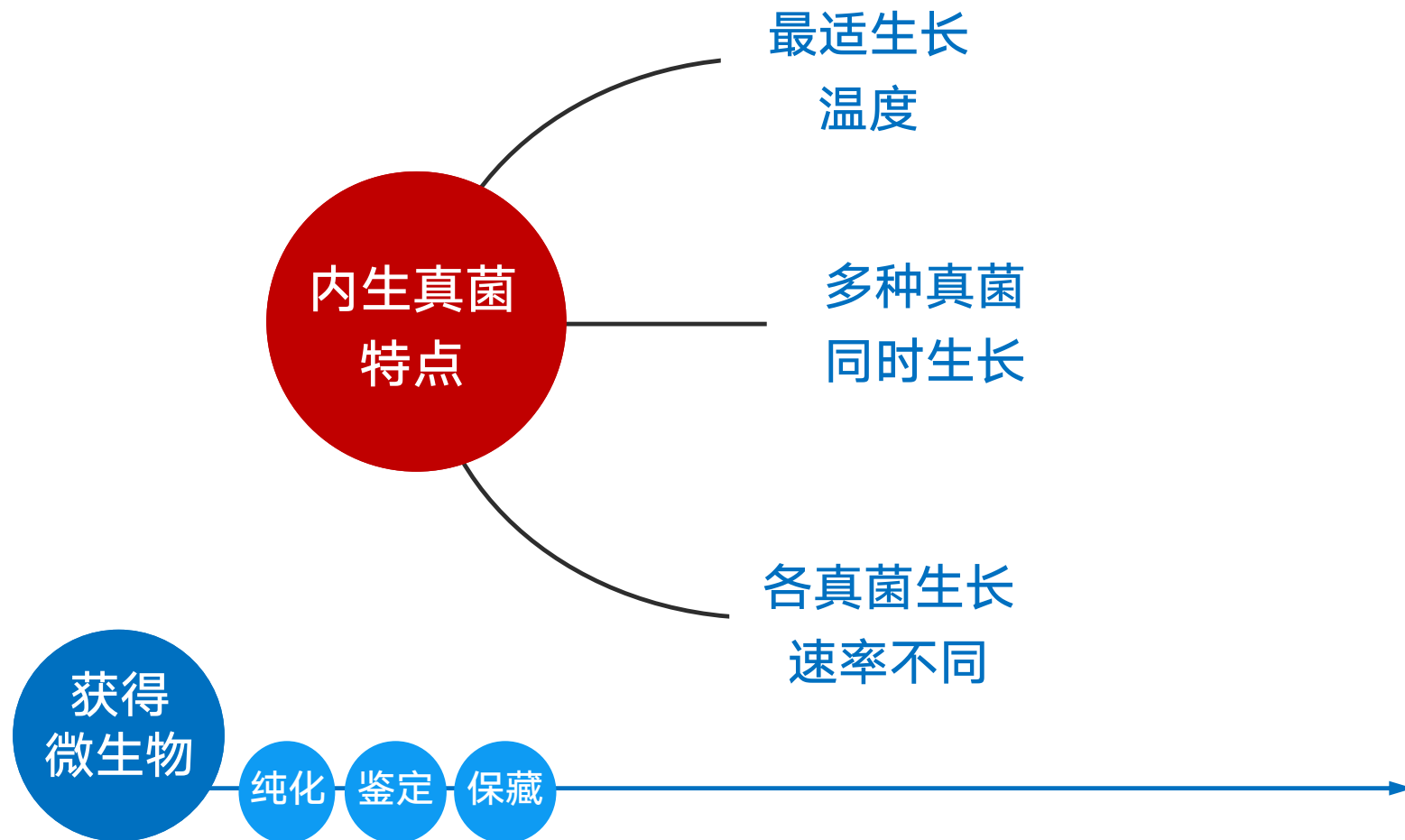
微生物分离的完整步骤



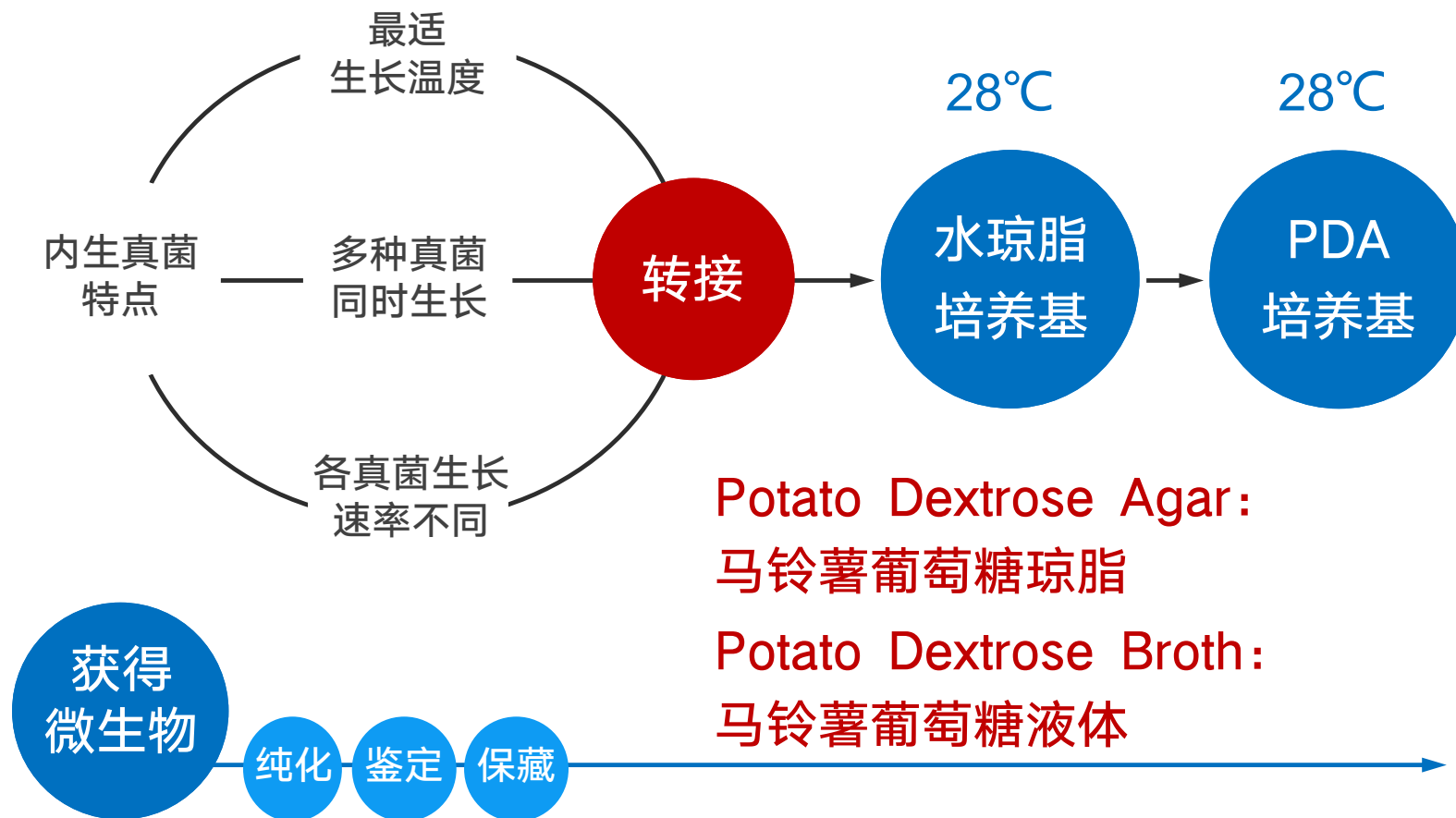
2 实验设计



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2 实验设计



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