


Master thesis Environmental Biotechnology TU Graz



BioMarker to assess the microbiome in oilseed rape seeds

One of the most important future challenges is to meet the societal demands for durable and sustainable crop production with reduced use of pesticides and finite mineral fertilizers. Plant microbiomes have been predicted to become one of the most important tools for plant protection and nutrition.

The objective of this study is to detect biomarker within oilseed rape seeds for diversity, health and disease by applying next generation sequencing methods and microscopy.

In cooperation with npz.

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