IMPLANTEUS
SUSTAINABLE MEDITERRANEAN AGRICULTURE FOR HEALTH | GRADUATE SCHOOL

MAFEN MASTER **Academic Year 2026 - 2027**

Proposal of M1 tutored project

PROJECT TITLE AND SUMMARY:

Prepare a mini-literature review on the reduction of enzymatic browning in leaf vegetables in post-harvest and understanding the mechanisms involved.

Enzymatic browning is a major problem in post-harvest storage, leading to uncontrolled losses. Your work will first aim to present the major factors influencing susceptibility to browning. Then, it should then provide a clear overview of the post-harvest technologies available to reduce this damage. The mechanisms involved will be discussed, from biochemicals change to transcriptomic modifications that can lead to a better understanding of plant responses.

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