

MAFEN MASTER

Academic Year 2025 - 2026

Proposal of M1 tutored project

PROJECT TITLE AND SUMMARY:

Overall Impact of climate change and effect of innovative remediation solutions and production systems on nutritional quality and health effects of tomatoes

The overall objective of this project is to summarize knowledge related to the impact of climate change (in all dimensions) on the nutritional quality of tomatoes, particularly their content in phytochemicals. Beyond the sole composition of fruits in terms of phytochemicals, we will also explore the impact of climate change on health effects mediated by tomatoes in preclinical and clinical studies (probably very little literature concerning this last point). Lastly, the project will also evaluate the impact of innovative remediation strategies and production systems on limiting the overall impact of climate change on the nutritional quality and health effects of tomatoes.

HOST UNIT:

**UMR C2VN, Marseille
UMR PSH, Avignon**

MAIN ACTIVITIES:

Analysis of scientific literature and drafting of a report

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