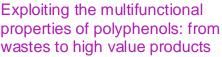


101131420-PHENOCYCLES

HORIZON - MSCA -2022-SE-01





European Union

The consortium

6 European Academic Institutions, 4 non-European Associated Partners

Duration 48 months

March 2024-February 2028























PHENOCYCLES provides support for 101 months of staff exchange for a smart reuse of agro-industrial refuses within a circular economy view.

Waste from crops of grapes, apples, berry and herbs are the source for the extraction of bioactive polyphenols (PP).

PHENOCYCLES aims at exploring innovative uses of PP and at validating methods for their extraction with a green chemistry approach. PP extracted from agro-industrial wastes and herbs with therapeutic value will be purified/fractionated with pilot-scale nano/ultrafiltration membranes to recover different PP fractions, to be employed in four distinct sectors:

- health
- plant production
- environment protection
- material science

This project has received funding from the European Union's Horizon Europe research and innovation programme under GA No 101131420

PHENOCYCLES approach

