

WORKSHOP

MONTESINHO INTERNATIONAL RESEARCH AWARDS

HONEY+

New reasons to care honey from the Natural Park of Montesinho (NPM): A bioindicator of environmental quality & its therapeutic potential

RESEARCH TEAM

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Natural Park of Montesinho

Environmental
Pollution

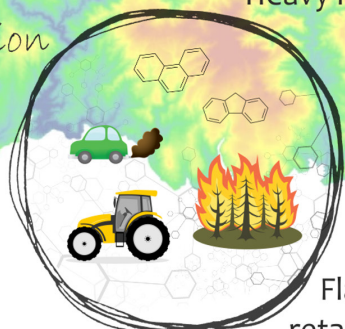
Heavy metals

Plastic
additives

PAH's

Flame
retardants

Pesticides



TASKS 1+2 VALORIZATION

- Sampling from NPM
- Environmental impact assessment and characterization of honey quality products

TASKS 3+4 QUALITY & HEALTH

- Development of sensors (Food & Environmental Control)
- Healing therapeutic properties of NPM honey

TASKS 5+6 DISSEMINATION

- Honey Producers
- Stakeholders
- Civil Society
- Scientific Community

GENERAL OBJECTIVES

(G01) to evaluate if honey can be useful as a bioindicator to assess environmental pollution: the monitoring of different classes of pollutants in air, soil, water resources, plants and NPM honey will be performed.

(G02) to explore the therapeutic and pharmacological potential of the honey produced in the NPM using in-vivo assays: evaluation of the in-vivo wound healing activity will be assessed using a rat model of diabetic and ulcer wound infection.

PRINCIPAL CONTRACTOR

LACV
requimte
LABORATÓRIO ASSOCIADO
VIGO & BOMBA VIKING

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PARTICIPATING INSTITUTION

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DE TRÁS-OS-MONTES
E ALTO ALENQUER

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