

SC2 and KET-B Brokerage Event

Food Security | Sustainable Agriculture and Forestry | Marine, Maritime
and Inland Water Research | Bioeconomy | KET-Biotechnology |

Brussels, 26th June 2018



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Session 1: Sustainable Food Security

Food & Water Research Group
Green Chemistry Laboratory



Sara Cunha

LAQV-Requimte, Faculty of Pharmacy, PORTUGAL

sara.cunha@ff.up.pt



www.ncp-biohorizon.net

BioHorizon project is funded by the European Commission - Grant Agreement no. 652637

 #BioBrokerage

Project idea / Company expertise



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Core activities of LAQV @ UPORTO

- improvement of **food quality**
- fighting **food adulteration**
- control **additives and chemical contaminants**
- promote **sustainable foods** with enhanced health/sensorial properties

Skills

- (i) multi-parametric **chromatographic methods** for evaluation of nutrients, bioactive and aroma compounds, contaminants
- (ii) **DNA-based methods** for species identification and adulterants detection
- (iii) **sensorial parameters** related to colour and taste of food during processing / ageing
- (iv) **activity of food beneficial and harmful compounds using human cells *in vitro***
- (v) **recycling bioactive compounds** from industrial wastes

SFS-04-2019: Integrated health approaches and alternatives to pesticide use

SFS-37-2019: Integrated approaches to food safety controls across the food chain



- **Sara Cunha, PhD**
- **Senior Researcher**
- **LAQV-REQUIMTE**
- **Research Institute**
- **Portugal**
- **Email: sara.cunha@ff.up.pt**