

Brokerage Event

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

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BioHorizon



LAQV

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Sustainable Food Security

Expertise for cooperation in SC2 activities

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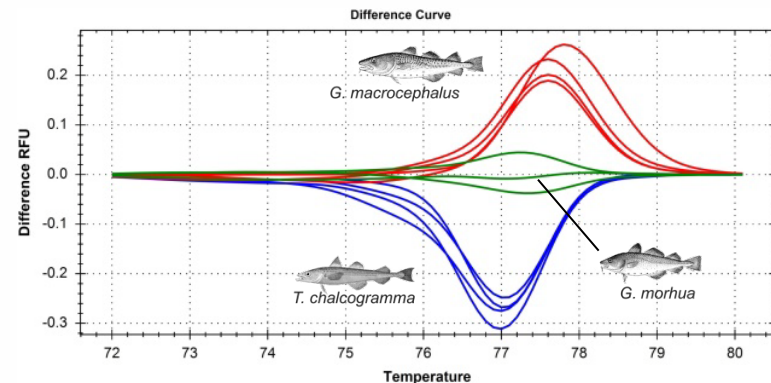
(www.requimte.pt/laqv)



www.ncp-biohorizon.net

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

- Knowledge about **emergent food authenticity issues** worldwide
- Highly sensitive, fast, **high throughput DNA based methods** (qPCR) for species identification in foods
- Evaluation of the **genetic biodiversity in agricultural cultivars** by typing SSRs and SNPs - *Fast closed-tube qPCR based methods for high throughput HRMA-SNP analysis*



- Assessment of the variability in **nutritional contents and bioactivity** amongst agricultural cultivars
- **Digestion, bioavailability and activity** of nutrients / bioactive compounds using human cell lines *in vitro*

Involvement in previous/ongoing projects in the area



EC safe
SEAFOOD

Priority environmental contaminants in seafood:
safety assessment, impact and public perception



Horizon 2020
European Union funding
for Research & Innovation

Starting November 1st, 2017



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GENETIC RESOURCES – AGROBIODIVERSITY

SFS-01A-2018: Biodiversity in action: across farmland and the value chain

SFS-28A-2018: Genetic resources and pre-breeding communities

FOOD AUTHENTICITY - FRAUD DETECTION - TRACEABILITY

SFS-16-2018: Towards healthier and sustainable food

DT-SFS-14-2018: Personalized nutrition

LC-BG-03-2018: Sustainable harvesting of marine biological resources

Keywords

Authenticity; Agrobiodiversity; Traceability; Bioavailability

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