



TRAINING SCHOOL

Sensory evaluation of boar taint: Methods for assessor selection, good sensory practice and performance evaluation

In IRTA Monells (Girona, Spain), 8-10 October 2018



COST ACTION CA15215

"Innovative approaches for pork production with entire males"



AIM:

The participants of this Training school (students, researchers, industry representatives and other participants) will learn about sensory evaluation of boar taint, how to train and know the performance of the panelist and the human nose methodology. The participants will carry out practical preparation and development of the training, and performance evaluation.

LOCATION:

IRTA-Monells

Finca Camps i Armet

17121 Monells (Girona)

Spain

PROGRAM:

8th October

15:00 - 15:10 – Presentation of the training school and practical aspects (Maria)

15:10 – 16:00 - Instrumental detection of boar taint. Advantages and disadvantages of the existing methods (Lena)

16:00 – 16:30 - Introduction into sensory evaluation focused on boar taint (Daniel)

16:30 – 17:15 – Human nose methods, main characteristics, advantages-disadvantages (Núria)

17:15 - 18:00 – Visit at IRTA installations (Maria, Núria)

9th October

09:00-10:30 – Selection of assessors (methods and performance criteria), Panel quality assurance and accuracy (Theory) (Daniel)

10:30-11:00 – Coffee break

11:00-12:00 – Preparation of smell strips (hands on training) (Daniel, Núria, Maria)

12:00-13:30 – Training with smell strips (demonstration, individual tests and analysis of results) (Daniel, Núria, Maria)

13:30-15:00 - Lunch

15:00-18:00 – Design of the training (some theory/concepts) and practical training: (i) ranking/pairwise tests with smell strips; (ii) ranking/pairwise test with fat samples (soldering iron, microwave); (iii) evaluation of samples served monadically (Daniel, Núria, Maria)

10th October

09:10 - 10:30 - Concepts for performance evaluation and discussion on training strategies. How to calculate sensitivity /specificity. Risk Analysis with own samples (Daniel)

10:30 – 11:00 – Coffee break

11:00 - 12:00 – Consumer studies and alignment consumer acceptance and panelists (Maria)

12:00-13:00 – Discussion

13:00-13:30 – Brunch/Lunch

13:30 – Bus departure

Trainers: Daniel Mörlein, Lena Doran, Núria Panella Riera, Maria Font i Furnols.

Participants are invited to bring fat samples with known levels of androstenone/skatole for the training.