


WORKSHOP

"Genomic tools for berry pre-breeding material: from genome to new berry cultivars"

 **Institut national de recherche pour
l'agriculture, l'alimentation et
l'environnement (INRAE)**

► **Building A4**

Address

71, avenue Edouard Bourlaux
33140 Villenave d'Ornon – FRANCE

AGENDA - 1/2

08.30 — **Registration**

09.00 **Welcome**

Bruno Mezzetti, Università Politecnica delle Marche

Béatrice Denoyes, Institut national de recherche pour l'agriculture, l'alimentation et l'environnement

Presentations by BreedingValue consortium partners (20 mins presentation + 10 mins discussion)

09.15 **The basis for utilizing molecular markers in breeding.**

Béatrice Denoyes, Institut national de recherche pour l'agriculture, l'alimentation et l'environnement and
Aurélie Petit, INVENIO

09.45 **An introductory walk-through of a genomic association study (GWAS).**

Jahn Davik, NIBIO - Norsk institutt for bioøkonomi

10.15 **On marker assisted selection.**

Iraida Amaya, Instituto Andaluz de Investigacion y Formacion Agraria Pesquera Alimentaria y de la Produccion Ecologica

10.45 — **Coffee Break**

11.00 **QTL detection and use in selective breeding.**

Daniel James Sargent, NIAB

11.30 **Data integration and linking of genomic, metabolomic and transcriptomic data using MapMan.**

Björn Usadel, Forschungszentrum Jülich

12.00 **The BreedingValue integrated data platform.**

Elisa Senger, Forschungszentrum Jülich

12.30 **From genomes to New Breeding Techniques to obtain new resilient and quality cultivars.**


Bruno Mezzetti, Università Politecnica delle Marche

13.00 — **Lunch Break** (at INRAE canteen, on own expenses)



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AGENDA - 2/2

13.00 — **Lunch break** (at INRAE canteen, on own expenses)

14.30 **An introductory hands-on to the application of genomic prediction.**
Juliette Benejam, Institut national de recherche pour l'agriculture, l'alimentation et
l'environnement

Presentations by invited experts (30 mins presentation + 15 mins discussion)

15.00 **Blueberry Public and VacCAP Genotypic and Phenotypic Resources: An Update.**
Nahla Bassil, United States Department of Agriculture (USDA) - Agricultural Research
Service (ARS) - National Clonal Germplasm Repository (NCGR) in Corvallis, Oregon

15.45 **An update on third-generation genomic and genotyping resources and insights
gained from predictive breeding in strawberry.**
Steven J. Knapp and Mitchell Feldmann, University of California, Davis

16.30 **General discussion**

17.00 — **End of workshop**



www.breedingvalue.eu