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P0482 **The New EU Project FruitBreedomics: an Integrated Approach for Increasing Breeding Efficiency in Fruit Tree Crops**

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An international consortium gathering European and non European teams has designed FruitBreedomics to bridge the gap between scientific genetics research and application in breeding. The project will focus on apple and peach, two major fruits in Europe, but the tools and the knowledge gained will also benefit other species of the Rosaceae family. The aim of FruitBreedomics is to provide the European fruit tree sector with cutting-edge breeding tools for the efficient and accelerated creation of new apple and peach varieties with excellent fruit quality characteristics, improved resistances to diseases and pests, and that can be grown in sustainable agriculture systems in the context of climate change. This poster presents the aims, structure and participants of the project.

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