



College Food Farming and Forestry (F3), a platform for interdisciplinary education: nutritious seeds for a sustainable future

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Abstract

The creation of collaborative platforms incorporating multi and interdisciplinary knowledge in life sciences may contribute to a holistic learning and social environmental awareness. The College Food Farming and Forestry (F3) – University of Lisbon, is the current operationalization of a platform of 12 diversified disciplines schools of high education created in 2015, which gathers professors, lecturers and researchers. Main College vision is to enhance students' competencies to think in inter and transdisciplinary way as well as creatively, responding to present challenges in biology, agro-food and forestry sciences. Legumes emerged as a topic to inter-schools seminars, debates and workshops promoting a dialog between several scientific areas. Given, legumes are an essential part of human diets and feed, with a strong cultural and historical relevance, and an economic value, they emerge as a topic for promoting a multidisciplinary dialogue. Those experiences when used for developing new strategies in both undergraduate and graduate biology teaching may produce novel synergies triggering creativity. As results of this gathering, creativity in pedagogical and research practices on life sciences will be illustrated and discussed.

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