Botany in the 21st century: integrating modern molecular methods and classical descriptive taxonomy

Taught by: Patrícia dos Santos (cE3c, SPBotânica), João Farminhão (SPBotânica), Miguel Porto (CIBIO, SPBotânica), Ana Júlia Pereira (cE3c, SPBotânica), Sara Lobo Dias (cE3c, SPBotânica), Ana Francisco (SPBotânica), Sergio Chozas (cE3c, SPBotânica), Adelaide Clemente (cE3c, SPBotânica) | June 27th – July 1st 2022 @ FCUL

Note: This course is presentiel

Objectives

This course aims to walk through the grounds of modern botany studies, covering subjects that have been excluded from most academic curricula. It will present the complete rationale for plant systematics studies, bridging classical taxonomy and modern molecular phylogenetic methodologies as complementary approaches. We will introduce the evolutionary and biogeographical contexts and the importance of herbarium collections for taxonomic revisions. The students will learn to identify the major angiosperm clades, with a practical focus on real case studies from the Iberian flora, historical and current classification systems, and how to use classical taxonomy as an essential tool in modern botanical studies.

Deadline for applications: May 15th, 2022

The course is free for a maximum of 10 1st year PhD students in Doctoral programmes at FCUL (e.g. Biology), Biodiversity, Genetics and Evolution (BIODIV UL, UP), Biology and Ecology of Global Changes (BEAG UL, UA) and Sustainability Science (UL). For information of fees for other participants see the programme details.

See the PROGRAMME, how to apply and fees at:

https://ce3c.ciencias.ulisboa.pt/training/ver.php?id=182