

Special Issue

Quercus Genetics: Insights into the Past, Present, and Future of Oaks

Message from the Guest Editors

The genus *Quercus* (Quercus, Fagaceae) comprises more than 400 species distributed throughout the northern hemisphere. While the highest oak diversity occurs in American and Asia, European species are also widespread. Oaks are ecological dominants of many temperate forests, and evergreen species are major components of Mediterranean and subtropical woodlands. They provide important ecosystem services and valuable timber. Oak species exhibit high genetic diversity, and this diversity has provided a wealth of information regarding oak ecology and evolution. Recent genetic and genomic studies of oaks have unraveled their evolutionary origins, history, and past radiations. Genetic approaches have also been applied to learn about more recent events, such as range expansions and contractions occurring at northern latitudes.

Guest Editors

Dr. Mary Ashley

Department of Biological Sciences, University of Illinois at Chicago, Chicago, IL 60607, USA

Dr. Janet R. Backs

Department of Biological Sciences, University of Illinois at Chicago, Chicago, IL 60607, USA

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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

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Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

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