



DIPARTIMENTO DI BIOLOGIA
CdL in Biotecnologie
Corso di Dottorato in Bioscienze



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Mario Terzi Lecture

Aula Magna, Polo Vallisneri

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Combining genomics and farmer's knowledge
in durum wheat: an example from Ethiopia

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The major findings of a decennial research activity conducted on the characterization of Ethiopian durum wheat genetic resources are presented. We have demonstrated that Ethiopian durum wheat is quite unique, is characterized by a huge variation and represents a rich reservoir of useful alleles, untapped by modern breeding. By involving several smallholder farmers, we argue that farmers' traditional knowledge has clear quantitative bases and might be exploited to produce wheat addressing the local needs of smallholder farming.

Prof. P. Benedetti

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