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Reduced nitrogen fertilization effects on grain characteristics and end-use quality of eight durum wheat cultivars

Jean-Philippe Leygue, Delphine Audigeos, Carine André, Christophe Besombes, Philippe Braun, Denis Cassan, Antoine Chiron, Michaël Cochard, Jean-Claude Dusautoir, Jean-Paul Kessler, et al.

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FROM SEED TO PASTA & BEYOND

A Sustainable Durum Wheat Chain for Food Security and Healthy Lives

- 15.15 **Distribution, survival and growths rate of *Pyrenophora tritici repentis* on durum wheat under conservation agriculture and conventional tillage in Tunisia**
Manel Othmeni, *INAT, Tunisia*
- 15.30-16.00 *Coffee break*
- 16.00 **Reduced nitrogen fertilization effects on grain characteristics and end-use quality in eight durum wheat cultivars**
Jean-Claude Dusautoir, *INRA, France*
- 16.15 **The phenotypic architecture of tetraploid wheat (*Triticum turgidum L.*): Effects of domestication and post-domestication under contrasting nitrogen fertilisation**
Tania Gioia, *Institute of Biosciences and Geosciences, Germany*
- 16.30 **Comparative response of yield, yield components and physiological traits in durum wheat under contrasting water irrigation**
Zoubeir Chamekh, *INAT, Tunisia*
- 16.45 -17.00 Discussion

ROOM 2

- 14.00-17.15 **SESSION 6.2**
DURUM WHEAT “OMICS”
Co-Chairs: Tziom Fahima & Anna Mastrangelo
- 14.00 **New approaches to deal with complex genomes sequencing: the case of durum wheat**
Sergio Lucretti, *ENEA, Italy*
- 14.20 **Integrated durum breeding for water stress tolerance in Australia: The potential of miRNAomics**
Jason Able, *University of Adelaide, Australia*
- 14.40 **RNA sequencing in wild emmer and durum wheats in response to shock stress**
Hikmet Budak, *Sabancı University, Turkey*
- 15.00 **Sequence-based genetic map using durum wheat × wild emmer wheat population**
Assaf Distelfeld, *University of Tel Aviv, Israel*