



PRESS-RELEASE

The Carlotta Award 3rd Edition has been held successfully on 24th September at the FSTP-5 International Congress in Bari, Italy.

Six excellent candidates, out of twenty, were awarded by this prestigious prize, three for the thematic area A (wheat genetics, genomics and breeding) and three for the thematic area B (sustainable wheat production for security, food quality and safety, durum wheat-pasta value chain), as reported below:

THEMATIC AREA A:

1st classified: Philippa Borrill - John Innes Centre, UK
Epigenetics as a new frontier for wheat improvement

2nd classified: Klaudia Kruppa - Biological Resources Dpt., Agriculture Institute, Hungary
Genotyping-by-sequencing uncovers a Thinopyrum 4StS-1JvsS Robertsonian translocation linked to multiple stress tolerances in bread wheat

Special Mention: Veronica Guwela - CIMMYT, Texcoco, Mexico
The 4T and 7T introgressions from *Amblyopyrum muticum* and the 5A^u introgression from *Triticum urartu* increases grain zinc and iron concentrations in Malawian wheat backgrounds

THEMATIC AREA B:

1st classified: Samuela Palombieri - Tuscia University, Italy
Mutagenesis-driven modulation of the carotenoid pathway in durum wheat: nutritional gains and pleiotropic effects

2nd classified: Yu Zitong - Plant Pathology Dpt., Kansas State University, USA
CRISPR-based editing of the w-and Y-gliadin gene clusters reduces wheat immunoreactivity without affecting grain protein quality

Special Mention: Maneka Malalgoda – Manitoba University, Canada
Complementing wheat with underutilized grains: a closer look at ancient grains and intermediate wheatgrass in food applications

The International prize Carlotta Award is growing more and more, edition by edition, for consideration and esteem inside the international scientific wheat community as its aim, to recognize the excellence of scientific work made by women in the wheat sector, is very appreciated.

The audience was positively impressed by their original presentations full of very interesting insights and useful information to be applied in the breeding programs and genetic improvement of the durum wheat and other cereals.



The Wheat Initiative sponsorship together with **AISTEC, KWS** and the **Accademia Nazionale delle Scienze - detta dei 40**, have received many congratulations, acknowledgements, by the audience, the attendees, the winners, the Organizing Carlotta Award Group (Dr. P. Galeffi and Dr. G. del Signore) and by Prof. R. Tuberosa and Prof. A. Gadaleta (Chairs of FSTP-5 Congress).

After this successful 3rd edition and considered the good impact in the community, a 4th Edition of the Carlotta Award could be organized in the next future (2027/2028) possibly in occasion of another International Conference focused on durum wheat and other cereals.