

Luigi Cattivelli curriculum vitae

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PROFILE

LC research activity has been focused on genetics and molecular biology of cereals (barley, wheat and rice), from plant breeding to gene cloning, QTL analysis and genome sequencing. Genetics, genomics, gene functional analysis and bioinformatics are used to identify and investigate key genes involved in the expression of agronomic traits.

LC has been the coordinator of AGROGEN, a 11 million euro competitive project dedicated to durum wheat genomics funded by the Italian Minister of Science (2007-2010), LC is coordinator of the national BIOTECH project dedicated genome editing (Biotechnologie sostenibili in Agricoltura, 2018-2022).

LC coordinated the international initiative for the sequencing of the durum wheat genome (Maccaferri et al., Nature Genetics, 2019) and participated in the international consortia for the sequencing of bread wheat genomes (IWGSC, Science, 2018) and wild emmer wheat (Avni et al., Science, 2017).

LC is the Italian representative in the research committee of Wheat Initiative, an international organization for the coordination of wheat research endorsed by the G20 Agricultural Ministers and in the frame of Wheat Initiative, LC is co-chair of the Expert Working Group on Durum Wheat Genomics and Breeding. LC is member of the editorial boards of "*Plant Science*" (2008-2021) and of "*Journal of Cereal Science*", Associate Editor of "*Frontiers in Plant Science*" and of "*International Journal of Molecular Science*".

Scopus registers more than 200 publications and >13.000 citations for LC with a H-index of 54 (Google scholar: >19.000 citations, H-index 65), Research-gate: https://www.researchgate.net/profile/Luigi_Cattivelli

PROFESSIONAL EXPERIENCE

LC has been fellow at the Max Planck Institute of Cologne (Germany) from 1987 till 1989. LC is in permanent position since 1991 at the Experimental Institute for Cereal Research in Fiorenzuola d'Arda (Italy) (an institute incorporate in the Agricultural Research Council –CREA- of Italy in 2004). From 1997 to 2003 LC has been professor of Plant Genetics at University of Verona (Italy), Faculty of Biotechnology. From 2005 to 2009 LC has been director of the CREA Cereal Research Centre in Foggia leading a group of about 25 researchers/post-docs with a main interest in breeding, genetics, metabolomics and processing technology of durum wheat. From 2010 LC is director of the CREA Research Centre for Genomics and Bioinformatics in Fiorenzuola d'Arda where coordinates a group of about 40 researchers/post-docs working in plant genomics, plant physiology and bioinformatics.

Fiorenzuola, 03 May 2022