

Carmela Anna Migliori

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Professional profile: Researcher specialized in chemical analysis on agri-food matrices or industrial by-products by chromatographic analytical techniques, mainly aimed at the quantification of substances with nutraceutical potential.

Work experiences:

Since March 2015, researcher at CREA-IT, Turin:

- Coordinator of the project *Better Pepper* (rhizosphere microorganisms for sustainable production and qualitative enhancement of local varieties of sweet pepper), financed by the CRT foundation (Turin); during the project, the influence of microbial inocula on the response of plants to water stress was evaluated (photosynthetic activity, measured by specific instrumentation, IRGA and pressure chamber, plant productivity and content in nutraceutical substances) of the fruits.
- Member of several working groups in different projects (Agroener, Infoliva; Agridigit; Deaoliva; Flute; Kimor; PEPIC; Kiris); main topics of these projects were the chemical characterization of by-products from food processing activities (AGROENER, INFOLIVA projects) and processed products (DEAOLIVA). In the KiMor and FLUTE projects, the main activity focused on evaluating the vitality of local grape and kiwi plants, affected respectively by flavescente dorée and moria, by specific instrumentation (IRGA and pressure chamber).
- Responsible for worker safety in the chemical-microbiological laboratory of CREA-IT of Turin;
- Scientific Responsible for the Research agreement between CREA-IT and CNR-IPSP of Turin;

October 2004 February 2015: research grants at the CREA.

Education:

- January 2014: PhD in food biotechnology, the University of Milan;
- Master in Monitoring and Evaluation of the Environmental Impact in agri-food companies (master MOVAIMA), University of Catania (28 October 2002 - 4 December 2003);
- Professional qualification to practice as a food technologist (28 November 2002), University of Catania;
- Degree in Food Science and Technology (19 April 2002), University of Catania, with 110/110 cum laude.

Scientific Publications

27 publications in international journals with IF, participation to 8 international conferences.