



Prof. Gian-Pietro Di Sansebastiano

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Prof. Gian-Pietro Di Sansebastiano Graduated in Biology (March 1993) at the University of Pavia (110/110 cum laude). Between 1991 and 1994 worked on the development of new molecular markers (RFLP, VNTR, RAPD and microsatellite) at the Dep. of Genetics and Microbiology in Pavia and at the Royal Veterinary School di Copenhagen (DK). Initially his research activity was focused on different mammal species, later on plant crops.

In 1994 moved to Basel (CH) to work for Novartis at the Friedrich Miescher-Institut on plant DNA repair. Developed his PhD on Plant Biochemistry at the University of Neuchatel (CH) from 1995 to 1999 working on plant vacuoles and proteins vacuolar targeting. In this period he developed collaborations with FTR «Fabriques de Tabac Réunies SA» in Neuchatel and with the CNR Centre of studies on Viruses of Mediterranean Cultures in Bari. Research associate at the Plant Physiology and Biophysics Department (Head Prof. MR Blatt) of the Imperial College in Wye (University of London - UK) from 199 to 2001.

Since March 2001 he has a permanent academic position at DiSTeBA assigned after a competitive selection. Since 2001 he teaches Botany and advanced courses of Plant Cell Biotechnology and Bioproduction. Board member of the “Biology and Biotechnology” PhD school of University of Salento since 2006.

Since 2014 he is Associate Professor of Botany, Plant Cell Biology and Bioproduction.

In January 2015 he was elected President of the regional section of the Italian Botanical Society (SBI).

Proposed title:

"Acquaporins interactors for membrane transport"

Recent topic-related publications:

[Subcellular compartmentalization in protoplasts from *Artemisia annua* cell cultures: engineering attempts using a modified SNARE protein.](#) Di Sansebastiano GP, Rizzello F, Durante M, Caretto S, Nisi R, De Paolis A, Faraco M, Montefusco A, Piro G, Mita G. J Biotechnol. 2015 May 20;202:146-52.

[Two glycosylated vacuolar GFPs are new markers for ER-to-vacuole sorting.](#) Stigliano E, Faraco M, Neuhaus JM, Montefusco A, Dalessandro G, Piro G, Di Sansebastiano GP. Plant Physiol Biochem. 2013 Dec;73:337-43.

[Defining new SNARE functions: the i-SNARE.](#) Di Sansebastiano GP. Front Plant Sci. 2013 Apr 16;4:99.

[AtSYP51/52 functions diverge in the post-Golgi traffic and differently affect vacuolar sorting.](#) De Benedictis M, Blevé G, Faraco M, Stigliano E, Grieco F, Piro G, Dalessandro G, Di Sansebastiano GP. Mol Plant. 2013 May;6(3):916-30.