

Dr. Maurizio Capuana

National Research Council (CNR) of Italy, IBBR-Institute of Biosciences and Bioresources, via Madonna del Piano n. 10, 50019 Sesto Fiorentino (Florence), Italy

E-mail: maurizio.capuana@ibbr.cnr.it

Dr. Maurizio Capuana, scientists at the Institute of Biosciences and Bioresources of the Italian Research National Council, holds a masters degree in agricultural sciences and a PhD degree in Applied Biological Sciences. He worked for several years in the area of plant propagation (in vivo and in vitro cultures), then focusing on in vitro organogenesis and somatic embryogenesis of woody species and on studies for medium- and long-term in vitro conservation. He participated in several national and international projects on genetic improvement of European woody species. Current research includes the study of heavy metal effects on plants: analysis of in vivo and in vitro mechanisms of tolerance, absorption and translocation of metals in some herbaceous and woody model species.

Title of invited lecture:

How in vitro cultures contribute to phytoremediation