

Marta MARMIROLI - CV

Dr. Marta Marmioli is Associate Professor of Biotechnology and of Phytoremediation at the University of Parma, Italy, at the Department of Chemistry, Life Science and Environmental Sustainability. She graduated in Physics at the University of Parma and had her Ph.D. at the same University in Plant Biotechnology. She is specialized in the mechanisms of interaction of plants with metals, and in the last ten years she developed an interest in nanobiotechnology and the study of nanomaterials as crop additives. She constantly collaborates with the CAES (Connecticut Agriculture Environment Station, CT., USA). She also conducts research with Electron Microscopy and with synchrotron-based techniques in Trieste, Italy and ESRF, France. She works with biochar as an amendment for agriculture. She teaches Biotechnology at the University of Parma. She is also part of the Doctorate school of Biotechnology and Bioscience at the University of Parma, where she tutors several Ph.D. students.

She is an Editor in Chief of the International Journal of Phytoremediation for the section on metals and often features as Guest Editor for Special Issues in the Journal Nanomaterials. She is a member of the International Phytotechnology Society, of the Italian Society for Biology and Genetics, of the Italian Society of Microscopy. She was awarded the Steven Ebbs Prize in 2019.