

Cristina Gonnelli got a PhD degree in Plant Biology in 2000 with a thesis on metal tolerance strategies in plants from metalliferous soils. In 2001 she got a position as permanent researcher at the Biology Department of the University of Florence and since 2015 she is an associate professor at the same institution where she teaches courses of Plant Physiology.

Her activity draws on a well-established expertise in the ecophysiology of Tuscan metallophytes in Florence University. Such plants indeed represent strategic biological resources in a number of emerging applications related to the remediation of metal polluted soils and waters. Recently, she has broaden her research interests also to other applied issues, such as the use of plants, both wild species and crops, for the synthesis of metal nanoparticles and liposomes of plant origin suitable for the drug delivery.

She is author of 50 publications on international peer-reviewed journals and four book chapters.