

**T14016-TRAINEESHIP AT DEPARTMENT OF CHEMISTRY, LIFE SCIENCES AND ENVIRONMENTAL
SUSTAINABILITY**

TRAINEESHIP INFORMATION	
Department/Office	Department of Chemistry, Life Sciences and Environmental Sustainability
Contact person for this placement	Prof. Luigi Sanità di Toppi
Contact e-mail	internship@unipr.it
Description of activities	Cytological, ultrastructural, molecular and functional aspects of plant response to heavy metals, with particular focus on phytochelatin biosynthesis and antioxidant response under metal(loid) stress. Biomonitoring of environmental pollution due to heavy metals by means of algae, lichens and plants; phytoremediation and rhizofiltration of heavy metals in soil and freshwater.
Working language	English (B2 CEFR) – Italian optional
Location	Department of Chemistry, Life Sciences and Environmental Sustainability, University of Parma
Duration (2 months minimum-12 months maximum)	2-6 months, according to the specific training program
Working hours / week	Full time (about 8 h per day, Monday to Friday) Timetable to be agreed accordingly
Accommodation	The Welcome Office supports students in finding accommodation in Parma Servizio Accoglienza/Welcome Office Università di Parma Vicolo Grossardi 4

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SUBSTAINABILITY**

	43125 Parma – Italy e-mail welcome@unipr.it phone: 0039 0521 904150 / 904632	
Internship grant	No financial contribution. Students must apply for a Grant at their home institution/country.	
COMPETENCES, SKILLS AND EXPERIENCE REQUIREMENTS		
Competences required	Genuine interest and, if possible, documented experience in biochemistry, cytology, physiology and molecular biology of plants. Good attitude in performing laboratory work. Background in electrophoresis and HPLC will be helpful.	
Degree (Master, PhD, Post Doc)	Not necessary, but preferential.	
DOCUMENTS REQUIRED		
Interested students must send by email asap, the following documentation:		
Presentation letter X	Curriculum Vitae X	Academic certificates X
Additional notes		