



PROFILE	PhD POSITIONS AT CENTER OF AGRICULTURE FOOD ENVIRONMENT (C3A) OF THE UNIVERSITY OF TRENTO (ITALY)
N. POSTS	9
LOCATION	TRENTO (ITALY)
VALID TILL	20.08.2020
DESCRIPTION	<p>The Center of Agriculture Food and Environment (C3A) of the University of Trento and the Research and Innovation Center " Fondazione Edmund Mach" are jointly offering 9 PhD positions in the field of Agrifood and Environmental Sciences, supported by scholarship. The PhD topics are the following:</p> <ol style="list-style-type: none"> 1. Enhancement of plant tolerance to cold stress by psychrotolerant bacteria and characterization of the involved mechanisms 2. Research and Development of new biological alternatives based on Plant Extracts, Microbials and soft chemistry for the control of the Grapevine pathogen Downy Mildew (<i>Plasmopara viticola</i>) as a base for the development of new IPM strategies in the crop 3. Dissecting the genetic and physiological mechanisms of grapevine resilience to heat stress 4. Genetic mapping of fruit quality traits in pear 5. New strategies for botrytis bunch rot control for a sustainable viticulture 6. Management of varietal thiols in wines using biotechnical tools 7. Agro Pedological Determinants of fine chemical composition, quality and shelf life of Trentino's white wines 8. Traceability and authenticity of food using ¹H-NMR profiling 9. Movement behavior impacts and population consequences of an intensive white-tailed deer sterilization program in New York City <p>Detailed information about the topics of reserved scholarship, application procedure may be checked at the following link: https://www.unitn.it/en/ateneo/80909/announcement-of-selection</p> <p>Candidates who intend to participate in the competition must apply by August 20th 2020, hrs. 04.00 PM (Italian time, GMT +2).</p>
SCHOLARSHIP AMOUNT	Minimum 16290 euro per year.