



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