

Program for Prime Minister Latin American Scholarships

Name of Institution	Universidad de Antioquia
Type of institution	Public University
Location (city and country)	Medellín / Colombia
Name of the course/program	Research internship in Red microalgae molecular biotechnology
Objective of the program	To contribute in the development of student skills in molecular biotechnology applied in red microalgae. The work will be oriented to the understanding of the internal biological and biochemical process as long as the improve strain and value molecular production.
Content (courses list)	<u><i>Practical and theoretical content:</i></u> RNA and DNA isolation methods Protein isolation and quantification process Electrophoretic protein profile assays qRTPCR Useful bioinformatics tools in microalgae
Course start and end dates	01/06/2017 to 31/06/2018 (To be undertaken within this period)
Course costs (enrolment, tuition, materials, etc)	No tuition/enrolment costs involved.
Course delivery language (if not English, then level of Spanish or Portuguese required)	The internship will be conducted in English. A basic Spanish level is desired but not mandatory.
Entry requirements	Graduate students only with basic knowledge in microbiology, molecular biology and biochemical fields. It is important that the student has a willingness to work in a team and determined spirit.
Accommodation options and costs	Accommodation should be arranged by the applicant. Universidad de Antioquia can provide advice on areas and costs. Students will also be assigned a volunteer "Buddy-student" to help him/her get installed.
Website	www.udea.edu.co
Contact person and email for further information and/or enrolment	Research group contact point: Biotechnology Name: Lucia Atehortua Email: latehor@gmail.com Phone number: (0574) 2196494 Position: Director Research Team University contact point: Santiago López Álvarez investigacioninter@udea.edu.co 574-2198212 Scientific Cooperation Advisor