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Undergraduate Research Program	
<b>Project Name</b>	Design of a novel nanovector for the co-delivery and controlled release of cardioprotective molecules against the myocardial ischemia/reperfusion injury
<b>Campus &amp; Location in Mexico</b>	Monterrey
<b>Faculty</b>	Medicine and Health Science
<b>Research Area</b>	Cardiovascular and Metabolomic Medicine
<b>Research Responsible</b>	Omar Lozano García
<b>Description of the Project</b>	In this project the student will be involved in the development and characterization of the nanovector and study their effects an in vitro model simulating ischemia/reperfusion injury.
<b>Training Provided</b>	Design of experiments;Prototype development;Scientific-based problem solving
<b>Modality</b>	Hybrid
<b>Offered During</b>	Summer (5 weeks)

Student	
<b>Tasks/Responsibilities</b>	1. Synthesis and characterization of the nanovector. 2. Involvement in cellular studies (depending on student experience). } 3. Data analysis and interpretation.
<b>Required Language Proficiency</b>	English (Medium);English (Advanced)
<b>Required Skills and Abilities</b>	Prior experience with laboratory work (chemistry, biology, materials characterization, etc.).
<b>Other Documents Required to APPLY for an Internship</b>	1) Being at least in your 2nd year of bachelor 2) Accumulative grade point average (GPA) 2.5 3) Official Transcript 4) 2 letters of recommendation of faculty members 5) Resume 6) Letter of intention explaining the reason why you would like to participate in the research program

