

Entity: Vall d'Hebron Institut de Recerca (VHIR)

Research group, Unit or Department: Cardiology

Student's tutor: Ignasi Barba

Positions available: 1

Project description/ Research lines: The activation of the detoxifying enzyme ALDH2 is beneficial against ischemia-reperfusion injury; however, there are no pharmacological agents able to activate ALDH2 able to be used in the clinic.

ALDH2 protects the heart through the reduction of ROS, a similar mechanism has been observed after the administration of statins.

The objective of the project is to evaluate if statins are able to induce protection against ischemia-reperfusion injury through the modification of ALDH2.

Period for the internship: Second semester

Requirements:

- Good academic record, preferably above 2 (in 0-4 scale)
 - Fluent in english
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Where to apply: Interested candidates please send a letter of intention and CV to Ignasi Barba (ignasi.barba@vhir.org)
