



Dr. Hector Martinez-Navarro, PhD
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Dr Hector Martinez-Navarro is a Senior Postdoctoral Associate at the University of Oxford, in Prof. Blanca Rodriguez's group, and works on ventricular arrhythmias in the context of coronary occlusion. His work focuses on the characterisation of ventricular fibrillation using the ECG and investigating alterations in the myocardial activation sequence derived from myocardial infarction.

He received his Doctoral Degree in Computational Medicine from the University of Oxford, under the supervision of Prof. Blanca Rodriguez, Prof. Alfonso Bueno and Dr Ana Mincholé. His doctoral research exploited computational modelling and simulation of human cardiac electrophysiology to investigate how variability in acute myocardial ischemia affects arrhythmic risk and ECG abnormalities. In 2021, Dr Martinez-Navarro received a master's degree in Physiology from the University of Valencia, supervised by Prof. Luis Such, and obtained a Postdoctoral Fellowship at the Institute for Experimental Medical Research, Oslo University Hospital.