



**Paula Casademunt**

was born in Barcelona (Spain) in 1999. She received her MSc degree in Systems Biology cum laude in 2023 from Maastricht University (Netherlands) with a thesis entitled “Uncovering concealed ventricular arrhythmias post myocardial infarction by including dynamic modulators of electrophysiology in a patient-specific modelling pipeline”. She has been involved in projects modelling the heart, ranging from hemodynamic models of the left atrium, mechanical models of the mitral valve, and electrophysiological models of the left ventricle. In November 2023 she enrolled in the PhD program at Universitat Pompeu Fabra, where she will study the flow

dynamics in the heart-brain axis by means of hemodynamic models and medical imaging processing.