

## BIOSKETCH

Raffaele Coppini received his medical degree in 2007 and his PhD in pharmacology in 2011 at the University of Florence, Italy. He received a medical specialty degree in Clinical Pharmacology in 2016. He is currently an Associate Professor of Pharmacology at the University of Florence and a research group leader in a laboratory of cardiovascular pharmacology and cardiac cell electrophysiology directed in the NeuroFarBa Department. He is best known for his work on the pathophysiology of hypertrophic cardiomyopathy (HCM) and for several preclinical and clinical studies aimed at testing novel therapeutic approaches for the treatment of HCM and other cardiomyopathies. In particular, he first studied the electrophysiological,  $\text{Ca}^{2+}$ -handling and mechanical functional remodeling occurring in human ventricular cardiomyocytes from surgical samples of HCM patients. He studied the cellular pathomechanisms of HCM and the effects of clinically-relevant novel drugs using different HCM models, including transgenic animals and cardiomyocytes/tissues from patient-specific iPSCs.