

Patrizia Camelliti is a group leader in the Department of Cardiovascular Science at the University of Surrey (UK). She received an undergraduate degree in Biological Sciences from the University of Milan and a DPhil in Cardiac Physiology from the University of Oxford. Following her doctoral studies, she secured two prestigious Fellowships, one at Christ Church College Oxford and one at Imperial College London. Her research focuses on the crosstalk between cardiac fibroblasts and cardiomyocytes in health and disease, and in cardiac regeneration. She is particularly interested in i) the role of cytokines, gap junctions and extracellular vesicles in fibroblast-cardiomyocyte communication, ii) the role of fibroblasts and fibrosis in arrhythmogenesis and iii) the development and application of 3D co-culture models and living myocardial slices (which she pioneered during her fellowship at Oxford) to study cell-cell interactions, cardiac physiology and disease in a dish.