

Jeanne Mialet-Perez

Jeanne Mialet-Perez is permanent researcher at INSERM-CNRS Institute “Mitovasc” in Angers, France. She received her Ph.D. degree from the University of Paris-Saclay in 2002, followed by a postdoctoral training at the University of Cincinnati on the genetic variants of adrenergic receptors and their functional impacts in cardiac diseases. Back in France, at I2MC in Toulouse, France, she contributed to uncover the role of cardiac monoamine oxidases, the mitochondrial enzymes that degrade catecholamines and serotonin, in the generation of deleterious ROS and aldehydes in age-associated diseases such as heart failure. In the meantime, she contributed to the description and understanding of the mechanisms involved in cardiomyocyte and stromal cell senescence in the aging heart. She is currently focusing her research at Mitolab in Angers on gaining a deeper understanding of the complex relationship between mitochondrial dysfunction and senescence. For this purpose, she studies specific signaling pathways leading to senescence in vitro and in pre-clinical models of chronic cardiac diseases and mitochondrial genetic diseases.