

Ludovic Gomez

Ludovic Gomez (Ph.D.) is a senior Researcher at the French National Institute of Health and Medical Research (INSERM), in the IRIS team of the CarMeN laboratory in Lyon (France).

Over twenty years, his research has been concentrated on understanding the mechanism of mitochondrial damage in triggering cardiomyocyte death after ischemia-reperfusion. His previous projects were focusing on the regulation of permeability transition pore (PTP) during cardioprotection in the Ovize's group (France). Nowadays, in close collaboration with the Clinical Investigation Center and the Cardiology department of the Hôspices Civils de Lyon, its main areas of research are to develop translational research, for the development of new protection strategies, targeting cell metabolism and signal transduction in ischemia-reperfusion syndromes, including myocardial infarction, and more recently, post-ischemic heart failure.

In parallel with his translational research, Ludovic Gomez founded and developed the in vivo exploration platform (iXplora), which allows him to extend his area of expertise to complementary models such as stroke and diabetic cardiomyopathy. In addition to these scientific and managerial activities, he actively participates in the training of students "in" and "by" research, and in the evaluation of research projects of the various calls for tenders.