New players in paracrine signaling regulating cardiac remodeling

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The multicellular aspect of myocardial remodeling is emerging as the next challenge for efficient prevention and treatment of cardiovascular diseases, while current treatments do not take into account their differential effects on each cell type, or their mutual cross-talk. Prof Balligand will present data on the paracrine communication between cardiac myocytes (CM) and fibroblasts from in vitro, and in vivo animal models of cardiac remodeling to identify new players in cell-cell signaling, possibly amenable to therapeutic modulation.