Innate Immunity and Endocannabinoid Signaling in Atherosclerosis and Myocardial Infarction Healing

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Atherosclerosis and myocardial infarction healing are dynamic inflammatory processes, which involve various leukocyte subsets such as blood-derived monocytes. While targeting inflammation is increasingly considered as a novel therapeutic strategy and subject of ongoing large-scale clinical trials for secondary prevention in myocardial infarction patients, there is recent experimental evidence that a certain amount of inflammation might be needed in order to prevent unfavorable remodeling and heart failure. Prof. Steffens will talk about her studies on endocannabinoid signaling in cardiovascular disease, and her latest discoveries on innate immune cell cross-talk in myocardial infarction healing.

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