Development of new treatment strategies in heart failure: targeting inflammation and fibrosis

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Although prevention and therapy have continuously been improved over the past 30 years, the prevalence of heart failure continues to rise, with almost fifty percent of patients presenting with heart failure with preserved ejection fraction (HFpEF). Today we know that HFpEF characterizes a syndrome including several diastolic and non-diastolic as well as non-cardiac abnormalities. Recently, Prof. Tschöpe and others have postulated a novel paradigm which identifies a systemic pro-inflammatory state induced by comorbidities as the origin of microvascular endothelial cell inflammation, which triggers HFpEF. In this Science Lunch, Prof. Tschöpe will discuss the underlying evidence and the clinical impact of the new concept for identification, classification and management of heart failure patients in the clinic.

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