**Animal Models for efficacy evaluation of senolytic drugs**

Senolytics target cellular senescence, a process in which damaged cells, rather than dying, persist and become toxic to cells around them. Cellular senescence has been shown to drive multiple age-related diseases, including fibrotic, metabolic, inflammatory and auto-immune diseases. However, development of the optimal animal models for developing senolytic agents is challenging, as contribution of senescence to different age-related pathologies is not established and marker unique to senescent cells is not defined. Here, animal disease models for studying efficacy of senolytic drugs will be introduced.