

## Obesity, inflammation and lymphatic dysfunction

Recent studies have demonstrated that obesity is a key regulator of lymphatic function. This is important because alterations in lymphatic function may amplify pathologic effects of obesity on other organ systems by contributing to local tissue inflammation. The current presentation will discuss the cellular mechanisms by which high fat diet induced obesity in mice impairs lymphatic function. In addition, we will discuss the use of transgenic mice that may be useful for deciphering the mechanisms by which obesity and lymphatic function interact to regulate glucose homeostasis and hepatosteatosis.