

CGA/17/14 – Positron emission tomography imaging of human vascular and myocardial angiogenesis with 18F-NS1449

Cardiovascular disease is the leading cause of illness and mortality worldwide. Medical imaging helps doctors with the diagnosis and treatment of cardiovascular diseases. However, better imaging tests are needed to detect early signs of disease, and improve patient treatment and survival. In this proposal, we aim to characterise a new tool to image changes in how blood vessels behave and grow. If successful, this technique may help identify areas of disease that cause a heart attack, as well as demonstrate how well the heart can recover after it has been damaged by a heart attack.