

Statement Prof Thomas Krieg

I am Associate Professor at the University of Cambridge and a cardiology-trained physician in Acute Medicine. In the last 10 years in Cambridge, I established myself scientifically in the area of cardiac ischaemia/reperfusion injury with expertise in in vivo testing of mitochondrial metabolites and REDOX systems. Of note, we discovered that the mitochondrial TCA-cycle intermediate succinate drives a distinct mechanism at complex I during ischaemia/reperfusion. With my clinical knowledge we now move towards translation by blocking these highly specific mechanisms.

I am currently nucleus member and secretary of the ESC Working Group on Cellular Biology of the Heart. Now, I see the position on the Nominating Committee as an ideal additional point for my increased engagements with the ESC. My background as a clinical scientist should be well-suited for such a role.