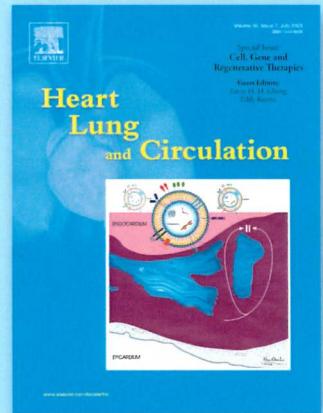


# Heart Lung and Circulation



## 2023 Cardiovascular Science Award - Winner

This is to certify that

N. Sandler, H. Ho, D. F. Draxler, C. R. Bain, J. A. Smith, C. J. Hauser,  
R. L. Gruen, P. S. Myles, and R. L. Medcalf

are Winners of the *Heart, Lung and Circulation* 2023 Cardiovascular  
Science Award for the article:

**Characterisation of Plasma Mitochondrial DNA, MMP-9 and  
Neutrophil Elastase in Patients Undergoing Coronary Artery Bypass  
Grafting: Effects of Tranexamic Acid and Postoperative Pneumonia**

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A. Robert Denniss  
Editor-in-Chief

