

1 – Early Career Investigator Awards

THE NOVEL RNA BINDING PROTEIN ANKHD1 IS REQUIRED FOR VASCULAR HEALTH VIA STABILISATION OF ENOS AND PTGIS

Areej Alahmadi*, Sheila E Francis, Paul C Evans and Maria Fragiadaki

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2 – Early Career Investigator Awards

ROLE AND FUNCTION OF MACROPHAGES IN HUMAN SYMPTOMATIC CAROTID STENOSIS

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3 – Early Career Investigator Awards

IN VIVO CORONARY ARTERY THROMBUS IMAGING WITH ¹⁸F-GP1 PET-CT

Evangelos Tzolos MD^{1*}, Rong Bing MBBS^{1*}, Jack Andrews MD¹, Mark MacAskill PhD¹, Adriana Tavares PhD¹, Gillian MacNaught PhD², Tim Clarke BSc², Michelle C Williams MBChB¹, Edwin JR van Beek MD², Norman Koglin PhD³, Andrew Stephens MD³, Marc R Dweck MD¹, David E Newby MD¹

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²*Edinburgh Imaging, University of Edinburgh, Edinburgh, UK*

³*Life Molecular Imaging, Berlin, Germany*

4 – Early Career Investigator Awards

HEDGEHOG SIGNALLING AS A DETERMINANT OF HUMAN FAT EXPANSION AND DISTRIBUTION

A.D. van Dam^{*1}, E.M. Toledo², N.Y. Loh¹, M.J. Neville^{1,3}, K.E. Pinnick¹, M.Todorčević¹, R.Dumbill⁴, A.M. Erzurumluoglu⁵, C.Langenberg⁵, F.Karpe^{1,3}, C.Christodoulides¹

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5 – Early Career Investigator Awards

SINGLE CELL SEQUENCING REVEALS FIBROBLAST HETEROGENEITY IN HEALTHY AND DISEASED VASCULATURE

van Kuijk K^{*1,3}, McCracken IR², Tillie RJHA¹, Wichers Schreur R¹, Taylor RS², Kuppe C³, Asselberghs SEJ¹, Dobie R⁴, Ramachandran P⁴, Temmerman L¹, Luyten J^{1,7}, Noels H⁵, Goossens P¹, Jin H¹, Owens GK⁶, Wilson-Kanamori JR⁴, Schurgers LJ^{1,5}, Kirkwood PM⁴, Mees BME¹, Biessen EAL^{1,5}, Henderson NC³, Kramann R³, Baker AH^{1,2}, Sluimer JC^{1,2}

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6 – Early Career Investigator Awards

DEEP LEARNING DETECTION OF EPICARDIAL ADIPOSITY ON CARDIAC CT PREDICTS MORTALITY AND CARDIAC EVENTS

HW. West^{1*}; MC. Williams²; M. Siddique¹; L. Volpe¹; R. Desai³; M. Lyasheva¹; K. Dargas¹; P. Tomlins¹; EK. Oikonomou^{1,4}; C. Shirodaria⁵; S. Neubauer¹; K. Channon¹; JCL. Rodrigues⁶; ED. Nicol⁷; D. Newby²; C. Antoniades¹

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⁶Royal United Hospital Bath NHS Trust, Department of Radiology, Bath, UK

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