

PCC001 The protective effects of vitamin C and Selenium administration on experimentally induced acute pancreatitis in a rat model.

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PCC002 3D visualisation of contrast micro-computed tomography of ex vivo failing human hearts-a new platform for medical education, virtual reality, computational simulation, personalised medicine

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PCC003 Day-to-day variability in female breast sensitivity to touch, temperature, and wetness over menstrual cycles

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PCC004 Community Football Foundation support for physical activity maintenance following pulmonary rehabilitation in adults with chronic respiratory disease: a feasibility study

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PCC005 The effects of doxorubicin on calcium handling and contractility in sheep ventricular myocytes; role of oxidative stress

Amy Foster, The University of Salford, UK

PCC006 16 α -OHE1, a novel oestrogen metabolite, attenuates dysfunction of left ventricle contractility via regulation of autophagy after myocardial ischemia and reperfusion

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PCC007 Role of PARP7 in the Layering of the Cerebral Cortex

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PCC008 Effects of the short QT syndrome T618I-hERG “hotspot” mutation on hERG 1a/1b potassium channels

Jules Hancox, University of Bristol, UK

PCC009 Affinity purification-mass spectrometry based mapping of the KCNQ1 channel complex reveals that long QT syndrome type 1 mutations alter the protein-protein interaction network

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PCC010 Effects of Holothuria Leucospilota Extract on The Healing Process of Traumatic Oral Ulcer

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PCC011 Assessment of intestinal barrier dysfunction and fecal microbiome in rat offspring of mothers with gestational sleep apnea.

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PCC012 Effects of human serum conditioned by sprint interval exercise and moderate-intensity continuous exercise on colorectal cancer cell viability in vitro

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PCC013 Developing a method to map corticosteroid-regulated sodium transport in the distal nephron using multiplex IF and IHC imaging.

Morag Mansley, University of St Andrews, UK

PCC014 Identifying putative transporters of volume-regulating corticosteroids in the collecting duct of the kidney.

Morag Milne, University of St Andrews, UK

PCC015 The effect of hormonal contraceptive use on skeletal muscle hypertrophy, power, and strength adaptations to resistance exercise training: a systematic review and multilevel meta-analysis

David Nolan, Dublin City University, Ireland

PCC016 Athlete 'Resilience' in Triathlon – How does the bike leg affect running economy?

Tamara Prostinakova, Liverpool John Moores University, UK

PCC018 Reliability of photoplethysmography based pulse arrival time measurement during experimentally induced hypotensive sympathetic activation in human subjects.

Koushik Roy, All India Institute of Medical Sciences, New Delhi, India

PCC019 Do plasma levels of interleukin-10 correlate to cardiac function in coronary artery disease?

Bethan Samphire-Noden, The University of Salford, UK

PCC020 Sexual dimorphism in the oxytocin mediated calcium responses of murine inguinal adipocytes

Paul Smith, University of Nottingham, UK

PCC021 Comparison of venous occlusion plethysmography and near infrared spectroscopy for monitoring forearm blood flow during reactive hyperaemia in young White European and South Asian women

Sophie Richardson, University of Birmingham, UK

PCC022 Do catecholaminergic and serotonergic inputs influence proliferation in the neurogenic areas of mouse spinal cord?

Rosemary Thomas, University of Leeds, UK

PCC023 Identification of miR-363-5p controlling pacemaker mechanisms in the Human Sinus Node via regulation of ion channels and microenvironment including M2-type macrophages and cardiac fibroblasts

Zeyuan Yin, University of Manchester, UK

PCC024 Hsa-miRs- 363-5p and -486-3p inhibit expression of pacemaker ion channels, HCN4, Cav1.3 and Cav3.1, markers of macrophages-type2, CD209 and CD163, and marker of cardiac fibroblasts, collagen, Col1A1

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PCC025 Cerebral blood flow regulation in hypobaric hypoxia: role of haemoconcentration

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