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

Gbenga Sunday Adeleye, EKITI STATE UNIVERSITY, ADO EKITI, NIGERIA, Nigeria

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

Weixuan Chen, The University of Manchester, UK

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

Flavia Figlioli Davide Filingeri, ThermosenseLab, Skin Sensing Research Group, School of Health Sciences, The University of Southampton, Southampton, UK, UK

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

Jade Dougoud, Imperial College London, UK

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

Amy Foster, The University of Salford, UK

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

Tong Fu, Departments of Gynecology and Obstetrics, Xuzhou Central Hospital, China

Role of PARP7 in the Layering of the Cerebral Cortex

Giulia Grimaldi, University of Bradford, UK

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

Jules Hancox, University of Bristol, UK

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

Stephen Harmer, University of Bristol, UK

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

Nurhaslina Hasan, Universiti Teknologi MARA, Malaysia

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

Esther Valverde-Perez Jesus Prieto-Lloret, Instituto de Biomedicina y Genetica Molecular / Universidad de Valladolid, Spain

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

Rachael Kemp, Swansea University, UK

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 chnnels, HCN4, Cav1.3 and Cav3.1, markers of macrophages-type2, CD209 and CD163, and marker of cardiac fibroblasts, collagen, Col1A1

Zeyuan Yin, University of Manchester, UK

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

Rachel Turner, Institute of Mountain Emergency Medicine, Italy