

POSTER PRESENTATIONS

- 1** Investigating the growth dynamics of multispecies biofilm on medical grade silicone by mesoscopy
Katherine Baxter, Strathclyde Institute of Pharmacy & Biomedical Sciences, University of Strathclyde
- 2** A study of altered B cell responses to PAMP-activation in schizophrenia
Nicole Brace, Division of Biomedical Sciences, University of the Highlands & Islands
- 3** Development and immunogenicity of carbohydrate-based vaccine against Group A streptococcus
Sowmya Castro, Division of Molecular Microbiology, School of Life Sciences, University of Dundee
- 4** Development of an electrochemical cortisol aptasensor and automated plug-and-play sensor preparation strategy based on consumer-grade materials and processes.
Alexandra Dobrea, Biomedical Engineering Department, University of Strathclyde
- 5** Secondary prevention of colorectal liver metastasis (CRLM) via manipulation of the gut-liver axis
John Falconer, CRUK Beatson Institute, University of Glasgow
- 6** The neural and behavioural dynamics of apathy in Parkinson's disease: A combined computational and fMRI approach
William Gilmour, School of Medicine, University of Dundee
- 7** Investigating the role of multiple regulatory domains in aminopeptidases to develop 'living' antibiotics
Chris Harding, School of Biology, University of St Andrews
- 8** Development and validation of a model to identify people who are unlikely to have atrial fibrillation after stroke
Giorgios Katsas, School of Cardiovascular & Metabolic Health, University of Glasgow
- 9** The impact of age on the performance of atrial fibrillation risk scores after ischemic stroke or transient ischemic attack
Giorgios Katsas, School of Cardiovascular & Metabolic Health, University of Glasgow
- 10** Shining a light on brain cancer: Utilising photodynamic therapy in the treatment of glioblastoma
Danial Kordbacheh, School of Medicine, University of Dundee
- 11** Mechanism of autoantibodies in schizophrenia
Ryan McLean, Division of Biomedical Research, University of the Highlands & Islands
- 12** The impact of (renal and cardiac) parenchymal cell senescence on macrophage phenotype and phagocytosis.
Katie Mylonas, Centre for Inflammation Research, Institute for Regeneration & Repair, University of Edinburgh
- 13** Investigating the role of mitochondrial transfer in monocyte-derived macrophage driven therapy resistance in acute myeloid leukaemia
Ebubekwu Nwarunma, Charles Oakley Laboratories, Department of Biological & Biomedical Sciences, Glasgow Caledonian University

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- 14** Efficacy of drug-like small molecule analogues of the anti-inflammatory parasitic worm product, ES-62, in protecting against stroke
Cristina Lumbreras Perales, Strathclyde Institute of Pharmacy & Biomedical Sciences, University of Strathclyde
- 15** Importance of lipid supplementation for mosquito transmission of human malaria parasite *Plasmodium falciparum*
Sabyasachi Pradhan, School of Biodiversity, One Health and Veterinary Medicine, College of Medical, Veterinary & Life Sciences, University of Glasgow
- 16** Anti-Mullerian hormone but not rapamycin attenuates both cyclophosphamide-induced damage and PI3K signalling activation in human ovarian cortex
Roseanne Rosario, Biomedical Sciences, University of Edinburgh
- 17** IL-33 in intestinal mucosal immunity
Molly Scott, Division of Molecular & Clinical Medicine, University of Dundee
- 18** Discovery of Dyr726, a brain-penetrant selective inhibitor of PI3K, PDGFR, and the Wnt pathway
Vasudha Tandon, School of Medicine, University of Dundee
- 19** Development of novel polymer-drug conjugates: Towards a multi-target treatment for Alzheimer's disease
Colin Thompson, School of Pharmacy & Life Sciences, Robert Gordon University, Aberdeen
- 20** Alterations in GPCR regulation after high fat diet feeding
Dawn Thompson, Aberdeen Cardiovascular & Diabetes Centre, Institute of Medical Sciences, University of Aberdeen
- 21** Pioglitazone modelling as a secondary prevention strategy after ischaemic stroke
Struan Wallis, Institute of Cardiovascular & Medical Sciences, University of Glasgow
- 22** The impact of a Western diet on the cardiovascular system of a transgenic mouse model expressing the single-nucleotide polymorphism (SNP), rs713041, in the human selenoprotein glutathione peroxidase 4 3' untranslated region
Sarah Walsh, Centre for Obesity Research & Education, School of Pharmacy & Life Sciences, Robert Gordon University, Aberdeen
- 23** Towards rapid detection of microplastic particles in human blood samples
Andrew Ward, Department of Civil & Environmental Engineering, University of Strathclyde
- 24** Investigate retinal cholesterol homeostasis in an Alzheimer's disease mouse model
Aileen Wong, School of Health & Life Sciences, Glasgow Caledonian University
- 25** Lung stromal cell dynamics are altered by infection experience and ongoing antigen presentation following influenza challenge
Julie Worrell, Institute of Infection, Immunity & Inflammation, University of Glasgow