

POSTERS

TIME: 12.30 – 13.30

LOCATION: PANDON ROOM

- 1. A systematic review of the evidence on the use and safety of Gabapentinoid use in neuropathic pain**
Jawza Alotaibi, Institute of Neuroscience, Newcastle University
- 2. Novel histamine-binding protein EV131 attenuates neuropathic pain in mice**
Ibrahim Alrashdi, Institute of Neuroscience, Newcastle University
- 3. The role of the RNA exporter protein Gle1 in motor neuron diseases**
Emily Graves, Sheffield Institute for Translational Neuroscience, University of Sheffield
- 4. Rescuing the paralysed phenotype of Munc18 mutant *C. elegans***
Khoula Afzal, Institute of Translational Medicine, University of Liverpool
- 5. Metabotropic glutamate receptors (mGluR2/3) modulate cognitively relevant neural brain oscillations in the rat anterior cingulate cortex (ACC) in vitro**
Bethany Dennis, Institute of Neuroscience, Newcastle University
- 6. Improving grasp in spinal cord injury via a wearable electronic device**
Maria Germann, Institute of Neuroscience, Newcastle University
- 7. SERTONERGIC ¹²³I-FP-CIT BINDING IS NOT ASSOCIATED WITH NEUROPATHOLOGY**
Alice Oliver-Evans, Institute of Neuroscience, Newcastle University
- 8. Musculoskeletal and neurological disease in the first miR-324 knockout mouse models**
Dan Hayman, Institute of Genetic Medicine, Newcastle University
- 9. Investigating unconventional RAN translation mechanisms of pathological CgORF72 repeat transcripts in ALS/FTD**
Bridget Benson, Sheffield Institute of Translational Neuroscience, University of Sheffield
- 10. Developmental Prospects of Mild Cognitive Impairment with Lewy Bodies or Alzheimer's disease: Predictors of Cognitive Stability or Further Decline**
Calum Hamilton, Institute of Neuroscience, Newcastle University
- 11. Culturally adapting cognitive tests for ethnic minority groups: An illustration using the Addenbrooke's Cognitive Examination Version III**
Nadine Mirza, School of Health Sciences, University of Manchester
- 12. Investigating the Extrinsic and Intrinsic Influences on Skin Aging With its Ethnic Specific Manifestations**
Elizabeth Ruddy, Institute of Cellular Medicine, Newcastle University
- 13. Culturally adapting and translating Cognitive Stimulation Therapy or Reminiscence Therapy for Urdu speaking British South Asians living with Dementia**
Sarah McMullen, Centre for Primary Care and Health Services Research, University of Manchester
- 14. Care for people with Parkinson's disease in Kenya: the roles of gender, generation and social change**
Natasha Fothergill Misbah, Institute of Health and Society, Newcastle University

15. **Development of a Flow-FISH Assay to Explore Roles of Telomere Lengths in Human Leukocyte Subsets following Acute Myocardial Infarction**
Roland Amoah, Institute of Genetic Medicine, Faculty of Medical Sciences, Newcastle University
16. **Using human skin explants to study Pseudomonas aeruginosa wound infections**
Claire Laxton, School of Biological Sciences, University of Nottingham
17. **Cloning and expression of a putative microcin gene cluster from Erwinia persicina**
Mayokun Ajeigbe, School of Nursing and Health Sciences, University of Sunderland
18. **Optimisation of bacterial expression for CYP3006G8, a putative pyrethroid-metabolising Cytochrome P450 enzyme from the Southern Cattle Tick, Rhipicephalus microplus**
Nicola Cowley, Applied Sciences, Northumbria University
19. **Mechanism of action of enzymes involved in rare glycogen storage diseases**
Laura Marr, Astbury Centre for Structural and Molecular Biology, University of Leeds
20. **Simultaneous targeting of CHK1 and Ribonucleotide Reductase as a Novel Therapeutic Strategy in Acute Myeloid Leukaemia.**
Marie Claire Buttigieg, Northern Institute for Cancer Research, Newcastle University
21. **Metabolomic analysis of 2D and 3D glioblastoma stem-like cells culture models**
Najla Yussuf Moosa, Faculty of Health Sciences and Wellbeing, University of Sunderland
22. **Investigating the glycosylation enzyme ST6GalNac1 in prostate cancer**
Sima Dahabra, Institute of Genetic Medicine, Newcastle University
23. **The road to personalised anticancer therapy: utilising the LAT1 transporter as a mode for iron deprivation**
Gina Abdelaal, School of Life Science, Northumbria University
24. **Genomic Analysis of Burkitt-like Lymphoma with 11q Aberration**
Alex Blain, Northern Institute for Cancer Research, Newcastle University
25. **Determining the Effect of CD44 Knockout on Cancer Cell Interaction with Hyaluronan**
Sachin Wimalagunaratna, Northern Institute for Cancer Research, Newcastle University
26. **Urinary mitochondrial DNA mutations: Naturally occurring tumour 'barcodes' to trace Bladder Cancer recurrence**
Nana-Jane Chipampe, Northern Institute for Cancer Research, Newcastle University
27. **Expression and putative roles of Solute Carrier (SLC) transporters in breast cancer progression**
Rachel Sutherland, Institute of Genetic Medicine, Newcastle University
28. **Does Benzene Exposure Influence Chromosomal Translocation Events Involved in Childhood Leukaemia?**
Jessica Saville, Health and Life Sciences, Northumbria University
29. **Cellular and molecular assessment of muscle function as a predictor of ageing phenotype in older people living with HIV (PLWH)**
Matthew Hunt, Institute of Neuroscience, Newcastle University
30. **The role of Mitochondrial Complex I in Cellular Senescence and Aging**
Rebecca Reed, Institute of Cell and Molecular Biosciences, Newcastle University

31. **SPLUNC1: Anti-Viral against Influenza A Virus**
Amy Robinson, Institute of Infection and Global Health, University of Liverpool
32. **Developing a predictive biomarker in Tofacitinib efficacy in Early Rheumatoid arthritis patients**
Neha Panneer selvam, Institute of cellular Medicine, Newcastle University
33. **The use of whole genome SNP genotyping to identify regions of the nuclear genome involved in m.3243A>G-related mitochondrial disease**
Roisin Boggan, Institute of Neuroscience, Newcastle Wellcome Centre for Mitochondrial Research, Newcastle University
34. **Exploiting chelants as bacterial growth inhibitors that function by disrupting metal homeostasis**
Joy Paterson, Durham University
35. **Underestimation of Weight Status in Children and Adolescents Aged 0-19: A Systematic review and Meta-analysis**
Abrar Alshahrani, School of Bioscience, Division of Food, Nutrition and Dietetics, University of Nottingham
36. **Exploration of the impact of pregnancy experience on transition to motherhood for nulliparous women over the age of 40 years.**
Cheryl Elliot, Northumbria University
37. **Copper homeostasis and denitrification in Neisseria gonorrhoeae**
Samantha Firth, Bioscience, Durham University
38. **Replacing red and processed meat in the diet with Quorn and its implications for human health**
Dominic Farsi, Applied Sciences, Northumbria University
39. **Determining the barriers of Inter-Professional Relationships between Doctors and Pharmacists: A Mixed Methods Analysis**
Abdul Khan, School of Pharmacy, University of Sunderland
40. **Analysis of air-liquid interfacial layer of a phospholipid as a model of lung surfactant in presence of solid particles**
Farzaneh Hajirasouliha, Department of Mechanical and Construction Engineering, Northumbria University