

**EDINBURGH IMAGING PhD EXPO**  
**Thursday 18<sup>th</sup> October 2018**

**Oral presentation list:**

1. **Time:** 2.15pm – 2.21pm  
**Student:** Jack ANDREWS  
**Title:** “Non-invasive in vivo imaging of acute thrombosis; Development of a novel Factor XIIIa radiotracer”
2. **Time:** 2.22pm – 2.28pm  
**Student:** James FARRELL  
**Title:** “Spinal Intrusion - Effect on Respiratory Function in Idiopathic Scoliosis”
3. **Time:** 2.29pm – 2.35pm  
**Student:** Benjamin THOMAS  
**Title:** "PET/CT: identifying sex differences in glucose disposal in calorie restriction"
4. **Time:** 2.36pm – 2.42pm  
**Student:** Jessie-May MORGAN  
**Title:** “How oxygen availability dictates rapid and long-term neutrophil morphological responses to inflammatory stimuli”
5. **Time:** 2.43pm – 2.49pm  
**Student:** Xueyi SHEN  
**Title:** “Phenotype-wide association study of 212 behavioural and 1,532 neuroimaging phenotypes in UK Biobank using polygenic risk scores for depression”
6. **Time:** 2.50pm – 2.56pm  
**Student:** Benjamin ARNOLD  
**Title:** “Multi-shot Echo Planar Imaging for accelerated Cartesian MR Fingerprinting: an alternative to conventional spiral MR Fingerprinting”
7. **Time:** 2.57pm – 3.03pm  
**Student:** Miruna BARBU  
**Title:** "NETRIN1 signaling pathway-derived polygenic risk scores for Major Depressive Disorder and white matter microstructure in UK Biobank"
8. **Time:** 3.04pm – 3.10pm  
**Student:** Jack ANDREWS  
**Title:** “<sup>18</sup>F-fluoride in valvular and coronary heart disease: PET-CT vs PET-MR”
9. **Time:** 3.11pm – 3.16pm  
**Student:** Adrian GARCIA BURGOS  
**Title:** “Three-dimensional Super-Resolution imaging in living intact pancreatic islets”



10. **Time:** 3.17pm – 3.23pm  
**Student:** Sam RUPPRECHTER  
**Title:** "Major depression and value encoding"
  
11. **Time:** 3.24pm – 3.30pm  
**Student:** Beth YORK  
**Title:** "Quantitative imaging biomarkers of demyelination and remyelination: reproducibility of MTsat vs. MTR."
  
12. **Time:** 3.31pm – 3.37pm  
**Student:** Matt DAYKIN  
**Title:** "Federated learning for medical imaging data"
  
13. **Time:** 3.38pm – 3.44pm  
**Student:** Wajiha BANO  
**Title:** "Model Based Super Resolution Reconstruction of T2 Maps"

