# Informatics Theme ECR Symposium

January 18th—19th 2024

International Student House, London

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| Thursday 18th of January 2024 | |
| 11:00–12:00 | Registration (please put up your posters) |
| 12:00–13:00 | Lunch & posters |
| *Session 1 “Multi-omics approaches”* | |
| 13:00–13:30 | **Keynote: Sarah Marzi - Epigenetic regulation of environmental and genetic risk in neurodegenerative disease** |
| 13:30–14:00 | ECR talks |
| 14:00–14:30 | **Keynote: Mina Ryten - Integrating omics to understand neurodegeneration** |
| 14:30–14:45 | Coffee break |
| *Session 2 “All things imaging: from spatial omics to (functional) neuroimaging”* | |
| 14:45–15:45 | ECR talks |
| 15:45–16:15 | **Keynote: Mathieu Bourdenx - coppaFISH and stereo-seq for spatially resolved transcriptomics** |
| 16:15–16.30 | Break |
| 16:30–18:30 | **Practical workshop by Alzheimer’s Disease Data Initiative (ADDI)** |
| 18:30–19:30 | Transition to dinner social & hotel check-in for attendees with overnight stay |
| 19:30 | Dinner social at International Student House |
| Friday 19th of January 2024 | |
| *Session 3 “Machine learning & statistics”* | |
| 9:00-10:00 | ECR talks |
| 10:00-10:30 | **Keynote: Valentina Escott-Price - Learning from Machine Learning in genetics of brain disorders** |
| 10:30–10:45 | Coffee break |
| 10:45–12:00 | **Discussion session “Integrative Informatics for Targeting Dementia”**   1. **Guarding reproducibility** 2. **Building the UK DRI Informatics ECR community** |
| 12:00–13:00 | Lunch & posters (please take posters down at the end) |
| 13:00–13:45 | **Plenary talk: Rabia T. Khan - AI-based RNA drug discovery** |
| 13:45–14:00 | Concluding remarks and **Meeting close.** |