**EASTBIO Thematic Training meetings – Clean Growth**

**Meeting 2 – Computation tools for integrated Omics**

**Host**: Yuxin Shen (CSE, Edinburgh)

**Date**: 24 Feb 2023, 10:00 – 15:00

**Venue**: in person (Daniel Rutherford boardroom 1.03b, King’s Buildings campus in the University of Edinburgh)

**Meeting description**:

Goals of thematic training: cohort building, critical thinking, collaboration across the DTP, exploring data science techniques in omics data.

**Meeting schedule**:

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| 10.00-10.30 | *Coffee/tea refreshment* |
| 10.30-11.00 | Introduction, free discussion on PhD progress |
| 11.00-12.00 | Guest talk on how PCA/t-SNE/UMAP work – Hugh Warden (PhD Student - Human Genetics Unit, Institute of Genetics and Cancer - University of Edinburgh, [www.hwarden.com](http://www.hwarden.com) ) |
| 12.00-13.00 | *Lunch break* |
| 13.00-13.30 | Discussion on omics data in PhD research & data management techniques pros and cons |
| 13.30-14.00 | Quiz on data misinterpretation & other topics  |
| 14.00-14.50 | Data visualisation workshop |
| 14.50-15.00 | *Closing Remarks* |

For further queries, email Yuxin Shen y.shen-80@sms.ed.ac.uk