EASTBIO Research Symposium 2024:

Reproducibility in Bioscience Research

3rd – 4th June 2024

**Location:**

Medical Sciences Building

School of Medicine

University of St Andrews

North Haugh

KY16 9TF

MONDAY 3rd JUNE 2024

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| **10:30 – 11:00** | **Registration & Refreshments** |
| **11:10 – 11:30** | **Welcome to Symposium** |
| **11:30 – 12:15** | **Keynote on Reproducibility in Bioscience Research**  **Speaker tbd**  Keynote address establishing the importance of reproducibility in the future of bioscience research - involving data accessibility and artificial intelligence, and the roles these play in scientific integrity and research impact. |
| **12:15 – 13:00** | **Interactive Discussion on Reproducibility in Bioscience Research**  An interactive session involving a broad discussion of key topics spanning the reproducibility of biological science research, including: artificial intelligence and large language models (e.g. ChatGPT), open access research and data sharing & availability, and reproducing experimental results and protocols. |
| **13:00 – 14:00** | **Lunch** |
| **14:00 – 14:45** | **Parallel Sessions**  **Supervisor Networking**  This session will focus on facilitating collaboration between supervisors and/or industry partners on EASTBIO PhD projects. After a short introduction to the new EASTBIO brochure, there will be a talk from a guest speaker on topics related to collaboration between academia and industry. There will also be time for group discussion and questions. |
|  | **Student EDI Sessions**  The EDI Events scheduled for the EASTBIO Symposia 2024 are designed to address prominent societal and workplace issues. The focal point will be the proactive approach to addressing gender-based violence, with anticipated facilitation by Mr. Davy Thompson from White Ribbon Scotland. Please note that the guest speaker and organising entity are subject to change.  Additionally, we are planning a synchronous session to delve into an EDI-related documentary (confirmation pending). We will offer a detailed overview of key messages and significant events within the documentary, ensuring viewing is not a prerequisite to participate. We will also be signposting a designated safe space that will be provided for students opting out of these sessions. |
| **14:45-15:30** | **Presentations Session 1**  Student oral and poster presentations discussing either their research, methods, PIPS experience, or CASE placement. |
| **15:30-15:45** | **Break** |
| **15:45-16:30** | **Presentations Session 2**  Student oral and poster presentations discussing either their research, methods, PIPS experience, or CASE placement. |
| **16:30-17:15** | **Presentations Session 3**  Student oral and poster presentations discussing either their research, methods, PIPS experience, or CASE placement. |
| **17:15-17:30** | **Close of Day 1** |
| **19:00-22:30** | **Dinner and Ceilidh**  Lower College Hall  St Salvator’s Quadrangle  North Street  KY16 9AL |

Tuesday 4th JUNE 2024

EASTBIO Management Group Meeting 9:45-11:15

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| **9:00 – 9:45** | **Keynote on Interdisciplinarity and Career Journey**  **Professor Lisa Boden** |
| **9:45 – 10:30** | **Panel Discussion with former EASTBIO students**  Discussing academic careers and ambitions; progression and setbacks; resilience. |
| **10:30 – 11:15** | **Creating and Presenting Effective Graphs**  This workshop will focus on creating accessible graphs that foster clear communication of your research findings. In academia, the ability to present data visually in an accessible and reproducible manner is crucial. This workshop aims to equip you with the skills to create graphs that not only show your results, but do so in a way that is understandable to a diverse audience. It will cover practical tips, best practices and tools that will allow you to present your data effectively. Join us to elevate your graph-making proficiency! |
| **11:15 – 11:30** | **Break** |
| **11:30 – 12:15** | **Grant Writing Session Introduction**  Talk and Q&A on how to write a research grant, followed by problem solving event in which students divide into groups to produce a research grant idea on a set theme. Groups will present their idea to a panel. |
| **12:15 – 13:45** | **Lunch and Wellbeing Walk**  On the second day of the symposia, we will facilitate a well-being walk around St. Andrews during the lunch break. This inclusive activity is open to all students, supervisors, and staff members. |
| **13:45-15:15** | **Grant Writing Sessions** |
| **15:15-16:00** | **Grant Writing Session Presentations** |