Visualisation with R and ggplot2
With a focus on next generation sequencing applications

Date: 9 am - 1 pm, Wednesday 13th May, 2020

Location: B28, St. Mary’s Building, University of Aberdeen, Old Aberdeen Campus.

Format: Instructor led computer based tutorial with support demonstrators.

Instructors: Dr. Sophie Shaw

Demonstrators: CGEBM Bioinformaticians

Description: With the advancements in next generation sequencing technologies and the production of large-scale datasets, Excel and other such software have become difficult and unsuitable to use for the production of high quality figures. With a focus upon graphical representation of data from analysis of various next generation sequencing applications, this workshop aims to teach the skills needed for visualisation using R. This will include use of R studio, basic plots and a focus on the use of ggplot2.

Topics:

• Introduction to R and R studio
• Getting your data into R
• Introduction to ggplot2
• Plots related to next generation sequencing applications within ggplot2

Who should attend: This workshop is aimed at researchers, staff and PhD students, interested in learning more above visualising data using R and ggplot2. The aim of the workshop is to allow participants to be able to visualise their own data with R studio.

Pre-requisites: None.

Closing Date for registrations: 06/05/2020 or when capacity is reached

Closing Date for cancellations: Cancellations received before 06/05/2019 will receive a full refund minus a £25 admin fee. Full course fees will be charged for cancellations after this date.

Cost: For University of Aberdeen staff and PhD students the workshop is £45. Details on how to complete payment are provided on the registration form.

For external delegates from academic institutions the workshop fee is £90. Please contact Sophie Shaw (s.shaw@abdn.ac.uk) for details on commercial rates.

Registrations: To register please follow the relevant link at http://www.abdn.ac.uk/genomics/bioinformatics/training/ and complete the registration form.

Further Information: Please contact Sophie Shaw (s.shaw@abdn.ac.uk)

NOTE! This workshop will only run if a minimum number of attendees register. In circumstances of cancellation, full refunds will be given.