

Bioinformatics Workshop
21st January 2016 from
Seminar Room 2, School of Medicine, North Haugh

- 1.45 pm **Registration**
- 2.00pm **Session 1: The future of Bioinformatics in St Andrews**
Chaired by Silvia Paracchini
- Juan Ye** (Erica), School of Computer Science
Inferring human behaviours from temporal sensor data using various machine learning approaches
- 2.30 **Ramon Fallon**, Bioinformatics Unit
Efficiency and Bioinformatics
- 3.00 pm **Discussion**
- 3.15pm **Informal discussion and refreshments**
- 3.45 **Session 2: Work in Progress**
Chaired by Nathan Bailey
- Catriona Harkins**, School of Medicine
Genomic investigation into the evolution of Staphylococcus aureus and the micro-epidemiology of Staphylococcus aureus in atopic eczema
- 4.00 **Emma Carroll**, School of Biology
Using genomics to test hypotheses on the role of behaviour on connectivity in the southern right whale
- 4.15 **Axel Wiberg**, School of Biology
The genomic response to experimental evolution under altered mating systems in D. pseudoobscura
- 4.30 **Alexandra Vatsiou**, Bioinformatics Unit
Promises and Challenges of NGS
- 4.45 **Luke Holman**, School of Biology
Molecular Markers for Parentage Assignment in the King Scallop: Pecten Maximus
- 5.00 Closing of the event. Informal discussion to follow at the pub

The event is free, but requires registration for catering purpose. Please register at this link before 17th January <http://bioinformatics.st-andrews.ac.uk/registratation/>