

# 2nd UK RAD Sequencing Meeting

National e-Science Centre  
15 South College Street, Edinburgh

Tuesday 31<sup>st</sup> August 2010

## MORNING SESSION

**09:00 - 09:30 REGISTRATION**

**09:30 - 09:50 Dr John Davey (Edinburgh)**

Welcome and News from the GenePool

**09:50 - 11:00 Dr William Cresko (Oregon)**

Restriction-site Associated DNA (RAD) tags: a brief history and recent applications

**Dr Susan Bassham (Oregon)**

An expanded molecular toolkit for RAD analyses

**Dr Paul Hohenlohe (Oregon)**

Analytical approaches and bioinformatic tools for RAD analyses

**11:00 - 11:30 COFFEE**

**11:30 - 12:00 Dr Simon Baxter (Cambridge)**

Gene discovery, linkage mapping and comparative genomics in Lepidoptera using next-generation RAD sequencing

**Dr Maureen Liu (Nottingham)**

From RAD to Markers Linked to the Chirality Locus in the Pond Snail, *Lymnaea stagnalis*

**12:30 - 14:00 LUNCH**

## **AFTERNOON SESSION**

**14:00 - 15:00 Dr Josh Shapiro and Dr Justin Gerke (Princeton)**

A Survey of Global *C. elegans* Diversity by RAD-Seq

**15:00 - 15:15 Dr Matt Hegarty (Aberystwyth)**

Developing RAD markers as a resource for plant breeding using the perennial ryegrass *Lolium perenne*

**15:15 - 15:30 Dr Pete Kille (Cardiff)**

Unearthing the functionally relevant genetic diversity from the earthworm genome

**15:30 - 15:45 Dr Pablo Fuentes Utrilla (Edinburgh)**

Exploring the use of RAD markers in tree breeding programmes

**15:45 - 16:15 COFFEE**

**16:15 - 16:30 Dr Rob Ogden (TRACE Network, Edinburgh)**

RAD Sequencing for applied conservation genetics

**16:30 - 16:45 Dr Octavio Paulo (Lisbon)**

Adaptive significance and genetic basis of a balanced colour-polymorphism

**16:45 - 17:00 Tom Mathers (Hull)**

RAD genetic mapping of reproductive mode in tadpole shrimps

**17:00 - 17:15 Dr Yannick Wurm (Lausanne)**

The genetic architecture of a fundamental social trait

**17:15 END OF MEETING**