

"Genetics and Genomics of Speciation" Workshop Sheffield, Great Britain

10-13 January 2010

A workshop funded by the EU Marie Curie Initial Training programme

SPECIATION

Organisers: Roger Butlin, Rhonda Snook, Claudius Kerth and Allan Debelle, on

behalf of the Marie Curie Initial Training Network:

SPECIATION

With current large scale SNP genotyping and next generation sequencing

technologies huge amounts of genetic variation can be scored across the

genome of non-model organisms. This offers new opportunities for powerful

tests of evolutionary models and to find the genetic basis of population

divergence, ecological adaptation and the origin of species. This workshop

will mainly focus on the detection of genomic regions under selection and

restricted gene flow between diverging populations using data of genomic

variation. The invited speakers are some of the leading scientists in this

field and include Wolfgang Stephan (University of Munich, Germany), Chris

Wheat (University of Helsinki, Finland), Terry Burke (University of

Sheffield), Jon Slate (University of Sheffield) and Stuart Baird (CBGP

Montpellier).

15 free places for participation in the workshop are now open for

application. Applications are invited from early career stage researchers

and should include a CV and short statement indicating why you are

interested in this workshop. There is no registration fee and accommodation

as well as catering will be provided free, but participants will have to pay

for their own travel costs. There are no nationality restrictions. The

application deadline is the 27th of November.

Please send applications and enquiries to Angela Wright:

a.p.wright@sheffield.ac.uk

Venue: Losehill Hall, Derbyshire (between Sheffield and Manchester), we hope

to provide transport from Manchester Airport and Sheffield train station to

the conference centre.

More information on the workshop and updates can be found at

<http://speciation.group.shef.ac.uk/>

The workshop follows this year's Population Genetics Group conference,

Liverpool, 6-9 January, see: <http://sites.google.com/site/popgroup2010/Home>

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Provisional workshop programme:

Monday, 11 January

Morning - Wolfgang Stephan (University of Munich, Germany):

'Genetic signatures of natural selection'

Afternoon - Chris Wheat (University of Helsinki, Finland):

'New generation sequencing approaches for finding genes under selection'

Evening - Terry Burke (University of Sheffield): 'What

comes after "Next Generation Sequencing"?'

Tuesday 12 January

Morning - Jon Slate (University of Sheffield): 'Choosing

and using SNPs'

Afternoon - Stuart Baird (CBGP Montpellier): 'Genes under

selection in hybrid zones'

Evening - Tim Birkhead (University of Sheffield): 'Research

ethics'

Wednesday 13 January

Morning - speaker to be announced: 'Experimental design'

Afternoon - outing into the Peak District National Park