

## PRACTICAL TIMETABLE 2011-2012

Practicals are Fri or Tues, CDB wing, Elementary laboratory, Department of Zoology  
There will be staggered start times for all practicals to allow for clashes with lectures

### Michaelmas Term 2011

<b>Weeks 1 – 3</b> 7, 11, 14, 18, 21 & 25 Oct	Dr T Krude	Extraction of Nuclear Proteins and Assay of DNA Topoisomerase and Nucleosome Assembly Analysis of Nuclear & Cytoplasmic Proteins, Chromatin Structure, & Cytoplasmic RNA
<b>Week 4</b> 28 Oct & 1 Nov	Dr P Oliver	Induction of Bacteriophage Lambda from a Lysogen
<b>Weeks 5 - 6</b> 4, 8, 11 & 15 Nov	Dr N Zhang	Analysis of Yeast Transformation
<b>Weeks 7 – 8</b> 18, 22, 25 & 29 Nov	Dr C O’Kane	Mobilisation of a transposable element for targeted expression in <i>Drosophila</i>

### Lent Term 2012

<b>Week 1</b> 20 & 24 Jan	Mr D Judge & Dr Tim Stevens	Uses of genomic databases ( <i>In Titan Room</i> )
<b>Weeks 2 &amp; 3</b> 27, 31 Jan, 3 & 7 Feb	Prof A. Smith	Organelle Inheritance in <i>Chlamydomonas</i>
<b>Week 4</b> 10 & 14 Feb	Dr M Segal	Cytoskeleton ( <i>Demonstration</i> )
<b>Week 5</b> 17 & 21 Feb	Prof P Dupree	Membrane Trafficking in Eukaryotic Cells
<b>Week 6</b> 24 & 28 Feb	Dr H Baylis	Second Messenger Systems and Signalling in Real Time ( <i>Demonstration</i> )
<b>Week 7</b> 2 & 6 Mar	Dr M Landgraf	Cell fate and lineage
<b>Week 8</b> 9 & 13 Mar	Prof H Skaer	Early Patterning in the <i>Drosophila</i> Embryo

### Easter Term 2012

<b>Week 1</b> 27 Apr & 1 May		Development in vertebrates - to be confirmed <sup>1</sup>
<b>Weeks 2 -3</b> 4, 8, 11 & 15 May	Dr J Haseloff	Effect of Morphogens on Cell Differentiation in the Jerusalem Artichoke ( <i>In Plant Sciences</i> )

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<sup>1</sup> This will depend on availability of biological material – if it is not possible to run this practical Dr Haseloff’s practicals may take place in weeks 1 & 2