

## LENScience Senior Biology Seminar Series

### Teacher Update Number 6 – 31st May 2010

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#### Seminar 3 Follow Up

The recording of the Animal Models and Aging seminar is available for download from the [Seminar 3 website](#). Also up is the transcript of the question and answer session from the seminar. This is on the [Seminar 3 question page](#). There were some excellent questions that showed the students were thinking deeper and also beyond the immediate topic. We have put up links for some further reading if you have students who are particularly interested in this topic.

#### Seminar 4 Preparation



Seminar 4 follows the journey of then PhD student Ceridwen Fraser (now a post-doctoral fellow with the Allan Wilson Centre) who spent three years investigating kelp populations in Sub-Antarctic islands. Her work, analysing the DNA of kelp from different locations, provided valuable information about the impact of climate changes on population distribution and speciation in kelp.

The background paper and question paper for this seminar are now available from the website: [Ancient Secrets in the Seaweed](#). The seminar paper has a slightly different format to the previous papers as it contains a lot of data for the students to analyse and think about. Many of your students may require support from you to do this. At this stage the question paper only includes the pre-seminar focus questions. The post seminar challenge questions will be available later in the week.

**Welcome to Seminar 4, Week 1 of the LENScience Senior Biology Seminar Programme.**

All schools should be providing students with the seminar paper this week.

Focus questions have been provided for your in-school workshop.

Next Seminar

Date: Thursday 10th June. 3:45pm

Topic: Ancient Secrets in the Seaweed: Climate change and evolution .

Presenters: Professor Hamish Spencer, Dr Ceridwen Fraser, Jacquie Bay