

## LENScience Senior Biology Seminar Series

### Teacher Update Number 3 – 19th April, 2010

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**Welcome to Seminar 2, 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.

#### Seminar 1 Wind Up

There has been a wonderful response from students to the Gene Expression challenge questions on the wiki. The quality and quantity of the answers is already at a higher level than last year. So a very big thank-you to all of you who worked with your students on these questions in the post seminar workshops last term. We're still working through the latest responses to be posted and providing feedback and hope to get all that done this week. If you haven't been to the wiki to see what the students have done, take a moment to do so: [Seminar 1 Discussion Page](#).

The recording of this seminar is finally available for download from the [Gene Expression seminar page](#). We apologise for the delay in getting this up and are working to ensure a much shorter time for the next seminar.

#### Seminar 2 Preparation

Seminar 2 looks at the work being done by Liggins Institute scientists into breast cancer and how biotechnologies are helping with this research. The background paper and question paper are now available from the website: [Breast Cancer and Biotechnology](#). This week you should be running your pre-seminar workshop.

#### Change to Seminar Chat

We have changed the process for accessing the live chat during the seminars. All students who wish to use it will now need a username and password. They can get this by registering at this address: <http://lens.auckland.ac.nz/lenschat/register.php>. This needs to be done BEFORE the day of the seminar as all registrations get verified by our IT people. Please let your student know this. Note: this is a separate registration from the one required for accessing the wiki so students will have to do both if they want to participate in the chat and edit the wiki.



To register for accessing the wiki students need to go to: [LENScience Senior Biology Seminar Series Student Registration](#).

## Technical Information for the Seminar

At the moment the LENSscience test pattern is not being broadcast on the frequency we use for our TV broadcasts. If you are trying to tune a new decoder please get in touch with our IT people and they will help you with the process. Email: [LENSciencehelp@auckland.ac.nz](mailto:LENSciencehelp@auckland.ac.nz)

On the day of the seminar, the LENSscience team is busy setting up for the broadcast from about lunchtime onwards. This means we won't be contactable by email or phone if you are having problems. If you do have any technical difficulties with receiving the seminar then please call Anna on 09 923 6170.

At the moment we only have two ways for schools to receive the seminars— either via Satellite TV or through the National Education Network. Most schools do not have fast enough internet connections to be able to stream the seminar live over the internet. For more information see [http://lens.auckland.ac.nz/index.php/Information for Teachers and Schools - Technology](http://lens.auckland.ac.nz/index.php/Information%20for%20Teachers%20and%20Schools%20-%20Technology)



### **Regional Centres / Local School Hubs**

Having trouble getting set up? – remember there are regional centres and local school hubs that will welcome neighbouring schools to join for this programme.

[Click here](#) to see whether there is a school near you that has the technology set up. Schools that have offered to host other schools are listed in bold. Please remember that you still have to [register](#) so that we know you are part of the programme.

## Nutrigenomics Teacher Professional Development

Last term we ran a very successful teacher professional development workshop on Nutrigenomics that was broadcast to schools. The recording of this broadcast is now available on the [Nutrigenomics website](#) as well as resources to support the use of Nutrigenomics as a teaching context.



### Next Seminar

Date: Thursday 29<sup>th</sup> April. 3:45pm

Topic: Breast Cancer and Biotechnology: The impact of advances in biotechnology on understanding and treatment of breast cancer .

Presenters: Dr Jo Perry, Dr Peter Lobie and Michal Denny

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