



# SABC NEWS

June 27, 2003 No. 3

## New Faces in the SABC

**Rohan Lowe** is a new PhD student in the ACNFP. He is from Palmerston North, New Zealand and so would like to get to know you all and make friends with as many people as possible. **Ormonde Waters** has also joined the group as an honours student.

**Judith Litchenzveig** has joined the ACNFP to work with Simon, Nola and Theo on the Medicago project. Judith will spend her time here and also at CLIMA. AS husband and wife Theo is now happy as he and Judith can find a place to live and also start exploring WA.

**Tania Smith** will be joining CHAGA as an M.Phil student, working on the characterisation of the sheep Leptin locus and its role in disease and parasite resistance. **Jen Bearfoot** is joining CHAGA as an Honours student to work on microsatellites in sheep DNA.

## Cut your sequencing costs

Many of you will remember HalfTerm, a buffer solution that could be used to dilute sequencing reactions so that less rhodamine dye terminator mixture was required per sequencing reaction. A similar product is available for the Big Dye version 3.1 terminators and could save a lot of money for people doing large amounts of sequencing. It is called 5x sequencing buffer, is produced by Applied Biosystems and is currently in stock in the sequencing fridge. Tests on the pGEM control plasmid gave 100% accurate read to 766 bases for a 1/16 reaction, at a cost of \$0.82 for dye terminator mixture and 5x buffer, compared to 830 bases for a normal 1/2 reaction at a cost of \$5.80 for dye terminator mixture. For full details of the product, protocols, the SABC trial and some limitations of its use, see the sequencing notice board opposite the sequencing lab.

## WABRI

Western Australian Biomedical Research Institute (WABRI) was one of ten research organisations that recently showcased their



research at the annual Australian Society for Medical Research (ASMR) Medical Research Week Expo held at Scitech Discovery Centre on Monday June 2nd. Research students and staff from the Murdoch and Curtin nodes of WABRI volunteered their time for the long weekend holiday to answer questions from the public about the research being conducted by WABRI. The event was a great success with 1275 people visiting Scitech and the Expo on the day.

## 10<sup>th</sup> International Wheat Genetics Symposium, Italy.

Prof Rudi Appels will present several papers (co-authored with Dr Michael Francki, Dr Mehmet Cakir, M. Carter) at the Tenth International Wheat Genetics Symposium in Paestum, Italy, 1-6 September 2003. Theme areas of the Symposium will include Evolution and Genetic Diversity, Cytogenetics, Genomics, Technologies for Genetic Modification, Transgenic Wheat, Classical and Molecular Breeding, Tolerance to Abiotic Stress, Resistance to Pathogens and Parasites, and Nutritional and Technological Quality of Wheat Grain. In addition Prof Appels has been involved in organising a workshop at the Symposium to discuss detailed proposals for sequencing of the wheat genome as part of the IGROW (International Genome research on Wheat) project.

## Goodbye to...

Zippy Ippy (Simon Ip Cho) has just finished and handed in his honours thesis. His exam is in July we wish him good luck and to all others from the SABC who have worked hard, handed in thesis and await the dreaded teeth extracting examination.

Kerrie Parker the first RA of the ACNFP has started a new career in nursing (she got tired babysitting all us Postdoc's and scoring down the growth chamber with RPO). She has gone but will not be forgotten and will make it back for our third year birthday. Her last message to all in the SABC was 'thank you and good luck and I will see you in a pub somewhere.....'



## QUIZ CORNER GUESS WHO:



**Answer to the last quiz question was Nematology.  
(Well done to Greer for getting the right answer).**

## Recent Publications:

### Details of recent ACNFP publications that may be of interest

Kinane J & Oliver RP. 2003 Evidence that the Appressorial Development in Barley Powdery Mildew is Controlled by MAP Kinase Activity in Conjunction with the cAMP Pathway Fungal Genetics and Biology **39** 94-102

Wilson TJG, Thomsen KK, Petersen BO, Duus JO & Oliver RP 2003 The detection of 3-hydroxykynurenine in a plant pathogenic fungus. Biochemical Journal **371** 783-788

Solomon PS, Tan K-C & Oliver RP. 2003 The nutrient supply of pathogenic fungi; a fertile field for study. Molecular Plant Pathology **4** 203-210

Lee RC, Hrmova M, Burton RA, Lahnstein J, Fincher GB 2003 Bifunctional family 3 glycoside hydrolases from barley with alpha-L-arabinofuranosidase and beta-D-xylosidase activity - Characterization, primary structures, and COOH-terminal processing Journal of Biological Chemistry **278** 5377-5387

T. Pfaff and G. Kahl 2003 Mapping of gene-specific markers on the genetic map of chickpea (*Cicer arietinum* L.) *Mol Gen Genomics* **269** 243-251

Clark AJ, Blissett KJ, Oliver RP 2003 Investigating the role of polyols in *Cladosporium fulvum* during growth under hyper-osmotic stress and in planta. *Planta* **216** 614-619

## Joke of the week:

### WHY DID THE CHICKEN CROSS THE ROAD?

SAEED AL SAHAF - Iraqi Head of Information

The chicken did not cross the road. This is a complete fabrication. In fact, we do not even have a chicken.

HANS BLIX

We have reason to believe there may be potential for this chicken's capability, but we have not yet been allowed to have access to the other side of the road.

COLIN POWELL

Now to the left of the screen, you can clearly see the satellite image of the chicken crossing the road.

GEORGE W BUSH

We don't care why the chicken crossed the road. We just want to know if the chicken is on our side of the road or not. The chicken is either for us or against us. There is no middle ground.

TONY BLAIR

I agree with George.

JOHN HOWARD

I agree with George and Tony.

KIM BEAZLEY

There is no challenge to the chicken at this stage, but if I were crossing the road....

SIMON CREAN

@#@#!@ Chicken. No one crosses the @#@#!@ road without my @#@#!@ say so. It's time for the chicken to put up or shut up.

PETER HOLLINGWORTH (Governor-General)

I am not aware of any impropriety in the chicken crossing the road. In fact I am led to believe that it was the other way around and the chicken asked for it

DR SEUSS

Did the chicken cross the road? Did he cross it with a toad? Yes, the chicken crossed the road, but why it crossed I've not been told.

MARTIN LUTHER KING, JR

I envision a world where all chickens will be free to cross roads without having their motives called into question.

GRANDPA

In my day, we didn't ask why the chicken crossed the road. Somebody told us the chicken crossed the road, and that was good enough.

OPRAH

Isn't that interesting? In a few moments, we will be listening to the chicken tell, for the first time, the heart-warming story of how it felt accomplishing its lifelong dream of crossing the road.

JOHN LENNON

Imagine all the chickens, crossing all the roads. You may say I'm a dreamer - but it's not the only hen.

MICHAEL JACKSON

There's nothing more wonderful than sharing your bed with a chicken.

ARISTOTLE

It is the nature of chickens to cross the road.

KARL MARX

It was an historic inevitability.

ARSENE WENGER

What chicken? I did not see it.

ALEX FERGUSON

The chicken was not drawn to the other side fairly, and Beckham is not bigger than this club.

SIGMUND FREUD

The fact that you are at all concerned that the chicken crossed the road reveals your underlying sexual insecurity.

BILL GATES

eChicken2003 version 1.0 will not only cross roads, but will lay eggs, file your important documents, and balance your cheque book - and internet explorer is an integral part of eChicken.

ALBERT EINSTEIN

Did the chicken really cross the road, or did the road move beneath the chicken?

BILL CLINTON

I did not have sexual relations with that chicken!

THE BIBLE

And God came down from heaven, and he said unto the chicken THOU SHALT CROSS THE ROAD. And the chicken didst cross the road, and there was much rejoicing.

COLONEL SANDERS

Did I miss one?

HOMER SIMPSON

Mmmmmmmmm . . . c h i c k e n