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# BitSoc NEWS

E-Circulated news letter

*"The whole of science is nothing more than a refinement of everyday thinking" - Albert Einstein*

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## AGRES Award Winner '2011'

Mr.A.Suganthan, 3<sup>rd</sup> year Biotechnology specializing student was awarded, the best presenter of the Department of Biotechnology at the 11<sup>th</sup> AGRES 2011. His research findings were focused to the **"Variation in *ref* gene expression and its promoter sequence in high and low yielding clones of *Hevea brasiliensis*"** which was conducted at the Department of Biotechnology.



Mr. A Suganthan holding his trophy & certificate



## The Evening of BitSoc

The evening of 17<sup>th</sup> August, 2011 was glorious, with the gathering of BitSoc family for "Paduru Party," which has been organized by the BitSoc to strengthen the relationships and social harmony among

the staff and the students of Department of Biotechnology.



## In-plant Training - Best Presenter Award '2011'

Ms.RACA Ranathunga, final year Biotechnology specialized student was awarded, the best presenter at the In-plant training presentation forum, 2011 for her training experience at the Genetech Molecular Diagnostics & School of Gene technology, Borella.

## CONGRATULATIONS !!!

BitSoc warmly congratulates the new Head of the Dept. of Biotechnology, Dr. (Mrs.) K Vivehananthan.



*The following office bearers were elected in the Annual General Meeting which was held on 16<sup>th</sup> August 2011.*

## Steering Committee of BitSoc

President	: Mr. RAR Mahendra - (096034)
Vice President	: Mr. DMS Dissanayake - (096010)
Secretary	: Ms. M Thirega - (096063)
Asst. Secretary	: Ms. S Satharasinghe - (096115)
Senior Treasurer	: Dr. (Ms.)SNT De Silva -Lecturer Dept. of BT
Junior Treasurer	: Mr. KGTT Perera - (096074)
Editor	: Prof. DPSTG Attanayaka - Prof. of Dept. of BT
Advisor	: Dr. (Mrs.) K Vivehananthan – Head Dept. of BT

## Committee Members

Ms. DR Gimhani	- Lecturer, Dept. of BT
Ms. ANK Perera	- Assistant lecturer, Dept. of BT
Ms. R. Umapriyatharshini	- Demonstrator, Dept. of BT
Ms. F S Suhair	- (096073)
Ms. DMDS Dissawa	- (096011)
Ms. SMD Perera	- (096048)
Mr. HMP Herath	- (096090)
Mr. LGK Tharuka	- (106035)

## The "Super Bug never seen before" WHO Reports

Given by Prof. DPSTG Attanayaka

Recently a massive Enterohemorrhagic *E.coli* outbreak has reported in 12 European countries and Nepal like Southeast countries.



Scientists are scrambling whether *E.coli* and Shigella, met and swapped their genes and constructed EHEC O104:H4, the nastier, virulent strain by horizontal gene transfer.

Serotype EHEC O157:H7, O104:H4 ("Shiga toxin-producing" *E. coli*) strains, can cause serious food poisoning in humans. The bug gets into the stomach, attaches to the intestinal wall and secretes a toxin which causes Hemolytic Uremic Syndrome (HUS).

"Super-toxic" *E. coli* contains several antibiotic-resistant genes like amino-glycoside, macrolides and  $\beta$ -lactam antibiotics.

### Join Together: Network of Biotech Knowledge Group



Developments in biotechnology are reaching a very exciting stage and amazing scientific advances that have already been made

by the use of biotech scientific innovations. No area of science is moving faster nor will have a greater impact than biotechnology. The world has the technology, either available or well-advanced in the research pipeline.

The little change in the recombinant DNA technology has given more power than most people realize. However, the knowledge and the skills in Biotechnology are expected to further strengthen among Sri Lankan. Therefore, this is the time to stimulate us to walk up in the pathway of Biotech world.

Are you a Biotech Scientist? Contact us to build up a Biotech knowledge group network.

Head/Department of Biotechnology ;  
kalaivani@wow.lk, dept.biotech@yahoo.com

### Arising Thoughts on 'Gene'

Coordinated by Dr. (Mrs.) K. Vivechananthan

Second year students actively engaged in the poster presentation to have exposure on **Gene and Gene Technology**. This poster presentation led the pathway for students to widen their knowledge in the field of Molecular Biology.



### 11<sup>th</sup> Agricultural Research Symposium (AGRES)

11<sup>th</sup> AGRES, was held successfully on 20<sup>th</sup> and 21<sup>st</sup> September, 2011 under the coordination of Dr. (Ms.) SNT De Silva, Lecturer, Dept. of Biotechnology, FAPM, WUSL.



**Editorial Board :** Prof. DPSTG Attanayaka, Ms. DR Gimhani, Ms. R Umapriyatharshini

**Computer Applications :** Ms. BLDD Hemachandra

*Please Strengthen us With  
your Comments for further  
improvement ...!!*



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