

**KERATAN AKHBAR-AKHBAR TEMPATAN**  
**TARIKH: 20 OGOS 2014 (RABU)**

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## Inno Bio To Develop Biotechnology Product To Combat Dengue Outbreak

NILAI, Aug 19 (Bernama) -- [Inno Bio Ventures Sdn Bhd](#), a company incorporated under the Finance Ministry, plans to develop a biotechnology product to combat the dengue outbreak in the country.

The development cost of the product is estimated to be RM40 million.

[President Datuk Dr Ahmed Tasir Lope Pihie](#) said the company is expected to sign a memorandum of understanding with the [Ministry Of Science, Technology and Innovation \(MOSTI\)](#) before year-end on the product.

"The proposal has been presented to the Cabinet. The product registration has also been done.

"Once the agreement is signed, we expect it take us about 12 months to deliver the product.

"This project is aimed at developing a product to control the mosquito larvae," he told reporters after a working visit by [MOSTI Minister Datuk Dr Ewon Ebin](#), to the company here Tuesday.

Ahmed Tasir said the product is not only for the local market but also to be exported later.

Meanwhile, Ewon said MOSTI is committed to supporting Inno Bio in becoming a national centre for commercialisation and skills development in biomanufacturing.

He said besides the dengue project, Inno Bio is also expected to establish a hub for regenerative medicine therapy technology by using stem cells.

"This will include cryogenic banking as an optional personalised treatment for cancer therapy and genetically related diseases.

"Looking at Inno Bio's capabilities, MOSTI strongly believes the company can undertake both projects," Ewon added.

-- BERNAMA





**INNO BIO TO BECOME A NATIONAL CENTRE FOR  
COMMERCIALISATION AND SKILL DEVELOPMENT IN  
BIOMANUFACTURING**

Tuesday 19/08/2014

PUTRA NILAI, Aug 19 (Bernama) -- **Yang Berhormat Datuk Dr. Ewon Ebin, Minister of Science, Technology and Innovation Malaysia (MOSTI), today visited Inno Bio Biopharmaceutical Facilities located in Putra Nilai, Negeri Sembilan. Also present, Dr. Zulkifli Bin Mohamed Hashim, Deputy Secretary General (Science), MOSTI.**

Impressed with the skilled talent of molecular biologists, biochemical engineers and other experienced talent in Inno Bio, YB Datuk Dr. Ewon highlighted the important contributions of the company presently making in developing high skilled manpower in Malaysia.

*"In MOSTI, we emphasize on the importance of nurturing the science and bringing them to market sustainably. Science is one of a powerful factor for effective positive social change. The Malaysian government is continuously putting efforts to support the knowledge-based economy",* says YB Datuk Dr. Ewon Ebin.

Much of the world is preparing for a future dependent on science and technology. Furthermore, the potential benefit to better quality of healthcare has attracting many economies throughout the world towards biologics industry.

Many countries is charting and mapping out capabilities, acquiring knowledge and skills to become experts in biopharmaceutical industry which government found it crucial to the society. The establishment of Inno Biologics is the testimonial of the Government initiatives to develop biotechnology industry. We can see that human capitals are continuously being trained to provide the required services.

Unfortunately, like any other industries, the biopharmaceutical industry are facing challenges too. However, despite challenges, it has tremendous potential to the economy and the opportunity to improve Malaysian quality of life with services and products.

*"I realize it is not going to happen overnight. But a comprehensive plan will enhance the effort towards realizing the benefits and bring significant economic contributions together with various positive social implications,"* Ewon added.

MOSTI is also committed to support Inno Bio in materialising their business turnaround plan for facility expansion inclusive of fill and finish facility and extension of manufacturing line for Inno Bio to become a National Centre for Commercialisation and Skill Development in Biomanufacturing. It is critical for the country to have the facility gazetted as the National Strategic Asset for DRUG SECURITY PROGRAM.

In addition to the above, MOSTI is also embarking into several initiatives with a technology partner for the following projects:

- To combat dengue outbreak by using innovative and safe biotechnology product to control the mosquito larvae.
- To establish a hub for regenerative medicine therapy technology by using stem cell. This will include cryogenic banking as an optional personalised treatment for cancer therapy and genetically related diseases.

*"Looking at Inno Bio capabilities and capacities, MOSTI strongly believes Inno Bio would be able to undertake both projects", says Ewon.*

*"We are shocked by latest development of dengue fever. In Kelantan alone, a number of 8,074 dengue cases was reported until July this year, with 12 deaths compared to 839 cases with 1 death last year. Therefore, Inno Bio is ready to take the challenge proposed by MOSTI", says Y.Bhg. Datuk Dr. Ahmed Tasir Bin Lope Pihie, President, Inno Bio Ventures Sdn. Bhd.*

In summary, Biotechnology can be one of the lucrative industries to support the economic growth. Through this industry, it will tremendously boost the Nation's economy. MOSTI sees the role of healthcare as one of the flagship sectors, and Inno Bio's business plan is extremely critical towards creating opportunities and sustainability in innovative healthcare industry. Furthermore, it will contribute and promote the innovative product development and product commercialization in congruent with the commercialization year champion by MOSTI.

For more information, kindly go to our website: [www.innobiologics.com](http://www.innobiologics.com).

**Inno Biologics Sdn. Bhd.** is a leading contract manufacturing organisation (CMO), capable of producing biopharmaceutical products using mammalian cells. The biopharmaceutical products is not only safe and effective but affordable.

*Inno Biologics is a subsidiary of Inno Bio Ventures Sdn Bhd, a company incorporated under the Ministry of Finance, was established in 2002 and closely affiliated with the Ministry of Science, Technology and Innovation (MOSTI). Establishment of Inno Biologics is a boost to the development of the biotechnology industry that meets the government inspiration to make biotechnology as one of the main contributors to the economic growth and Gross Domestic Product (GDP).*

*Its establishment is in line with the National Biotechnology Policy launched in 2005, which among other things, emphasizes the development of healthcare biotechnology, industrial biotechnology development, research and development and technology acquisition and development of human capital.*

Source : Inno Bio Ventures Sdn Bhd

FOR MORE INFORMATION PLEASE CONTACT:

Name : Nur Asma' Ahmad Safyan

Assistant Manager, Inno Bio Ventures Sdn. Bhd.

Tel : +603-7996661

Fax : +606-7996660

HP : +6013-3051777

Email : [nurasma.safyan@innobioventures.com](mailto:nurasma.safyan@innobioventures.com)

--BERNAMA



# Hacker targets info on MH370 probe

## Computers of officials infected with malware

By NICHOLAS CHENG  
nicholascheng@thestar.com.my

**KUALA LUMPUR:** The computers of high-ranking officials in agencies involved in the MH370 investigation were hacked and classified information was stolen.

The stolen information was allegedly being sent to a computer in China before CyberSecurity Malaysia – a Ministry of Science, Technology and Innovation agency – had the transmissions blocked and the infected machines shut down.

The national cyber security specialist agency revealed that sophisticated malware (malicious software), disguised as a news article reporting that the missing Boeing 777 had been found, was e-mailed to the officials on March 9, a day after the Malaysia Airlines plane vanished during its flight from Kuala Lumpur to Beijing.

Attached to the e-mail was an executable file that was made to look like a PDF document, which released the malware when a user clicked on it.

A source told *The Star* that officials in the Department of Civil Aviation, the National Security Council and Malaysia Airlines were among those targeted by the hacker.

"We received reports from the administrators of the agencies telling us that their network was congested



with e-mail going out of their servers," said CyberSecurity Malaysia chief executive Dr Amirudin Abdul Wahab.

Those e-mail contained confidential data from the officials' computers, including the minutes of meetings and classified documents. Some of these were related to the MH370 investigation.

About 30 PCs were infected by the malware, CyberSecurity Malaysia said. It discovered that the malware was sending the information to an IP address in China and asked the Internet service provider in that region to block it.

An IP (Internet Protocol) address is a unique numerical label assigned to each device on a computer network.

"This was well-crafted malware that antivirus programs couldn't detect. It was a very sophisticated attack," Amirudin said.

The agency and police are working with Interpol on the incident.

CyberSecurity Malaysia suspects the motivation for the hacking was the MH370 investigation.

"At that time, there were some people accusing the Government of not releasing crucial information," Amirudin said.

"But everything on the investigation had been disclosed."

Flight MH370 with 239 on board went missing on March 8 about 45 minutes after take-off.

### Anatomy of a spearphishing attack



## Expert: Spearphishing needs lots of planning and work

**PETALING JAYA:** Spearphishing attacks such as the ones that targeted the Civil Aviation Department and the National Security Council require a lot of planning and work, said a cyber security expert.

These point to either a very skilled attacker or group of hackers who have the know-how to spoof an e-mail address to make it appear as if the message is coming from a familiar sender, said Dhillon Kannabhiran.

Kannabhiran is chief executive of

Hack In The Box which organises the annual HITBSecConf series of network security conferences.

He said that sensitive and confidential documents should always be encrypted as an added layer of security against hackers.

How sophisticated an attack was, Kannabhiran said, depended on which version of the Microsoft Windows operating system was on the victim's computer and how up to date the system security was.



**KERATAN AKHBAR  
KOSMO (INFINITI) : MUKA SURAT 32  
TARIKH : 20 OGOS 2014 (KOSMO)**

# Bulan dekat dengan Bumi

Fenomena supermoon menyebabkan bulan 14 peratus lebih dekat dan 30 peratus lebih terang berbanding bulan purnama pada bulan-bulan yang lain.

SETIAP tahun, peminat astronomi pasti tertanti-nanti tarikh keramat 11, 12 dan 13 Ogos untuk menyaksikan fenomena pancuran meteor Perseid.

Namun pada tahun ini, pancuran meteor Perseid berlaku serentak dengan fenomena yang semakin popular iaitu bulan penuh atau supermoon.

Menurut pengkaji angkasa, fenomena pancuran meteor Perseid berlaku apabila bumi merentasi laluan komet yang dipenuhi dengan debu-debu.

Debu-debu ini kemudiannya memasuki ruang atmosfera bumi dengan kelajuan 225,300 kilometer (km) sejam sehingga menghasilkan percikan cahaya di langit.

Pancuran meteor ini dikenali sebagai Perseid kerana kemunculannya berpusat di bintang Perseus.

Fenomena tersebut menjadi lebih menarik kepada penerap sekiranya keadaan langit ketika itu berada dalam keadaan gelap serta bebas daripada sinaran bulan.

Walaupun bagaimanapun sejak 11 Ogos lalu, ketika pancuran meteor Perseid berada di kemuncaknya, fenomena supermoon pula menyusul.

Fenomena tersebut berlaku disebabkan bulan ketika ini berada di orbitnya yang paling dekat dengan Bumi. Ia dikenali sebagai Perigee.

Kedudukan bulan ketika ini ialah 14 peratus lebih dekat dan 30 peratus lebih terang berbanding bulan purnama pada bulan-bulan yang lain.

Menurut Agensi Angkasa Malaysia (Angkasa), bulan ketika ini akan berada di kedudukan paling hampir dengan Bumi (pada jarak 356,896km) sekitar pukul 1.46 pagi manakala fasa Bulan purnama berlaku pada pukul 2.09 pagi pada 11 Ogos lalu.

**ironaalam**

Disebabkan kejadian tersebut berlaku pada tarikh yang serentak, ia menyukarkan para penerap untuk meminati fenomena pancuran meteor Perseid seperti tahun-tahun sebelum ini kerana terganggu dengan cahaya bulan daripada fenomena supermoon.

Orang ramai bagaimanapun pasti lebih tertarik kepada fenomena supermoon kerana ia mudah untuk dilihat dan boleh dilihat tanpa memerlukan sebarang alat bantuan astronomi.

Bagi pengkaji astronomi yang juga penilik blog Falak Online, Shahrin Ahmad, dia berasa amat bertuah kerana berkesempatan untuk mencerap fenomena supermoon.

"Saya berkesempatan mencerap fenomena supermoon dari balai cerap saya yang terletak di Bandar Sri Damansara, Selangor."

"Ia satu fenomena menarik yang berlaku setiap satu tahun satu bulan 18 hari," katanya ketika dihubungi baru-baru ini.

Ujarnya, fenomena tersebut sama seperti bulan penuh yang berlaku setiap bulan. Namun, sekiranya dikira dengan teliti, saiz bulan ketika supermoon lebih besar sedikit berbanding kejadian bulan penuh.

Dalam pada itu, Shahrin juga tidak menolak sebarang kemungkinan bahawa kejadian supermoon menyebabkan berlakunya perubahan pasang surut air laut di beberapa kawasan.

"Supermoon boleh memberi kesan kepada kejadian pasang surut air laut, namun tidak akan menyebabkan sebarang bencana alam."

"Hal ini kerana bulan mempunyai daya tarikan graviti yang mampu mempengaruhi pasang surut air," katanya.

Kejadian supermoon juga memberi peluang kepada masyarakat dunia untuk merakamkan gambar-gambar menarik dari pelbagai sudut.



SEORANG wanita tidak melepaskan peluang melihat fenomena supermoon yang berlaku minggu lalu.

“ Supermoon boleh memberi kesan kepada kejadian pasang surut air laut, namun tidak akan menyebabkan sebarang bencana alam. Hal ini kerana bulan mempunyai daya tarikan graviti yang mampu mempengaruhi pasang surut air ”

- SHAHRIN



KEJADIAN supermoon memberi peluang kepada orang ramai untuk merakamkan gambar-gambar menarik sebagai tandi kenangan.

KEADAAN bulan ketika kejadian supermoon adalah 14 peratus lebih dekat dengan bumi dan 30 peratus lebih terang.



BULAN kelihatan penuh dan kemerah-merahan ketika waktu senja di Belgrade, Serbia.



KEADAAN langit di gereja Nossa Senhora da Penha, di Rio de Janeiro, Brazil, berjaya mencuri perhatian penduduk setempat.



KEINDAHAN fenomena supermoon juga dapat dilihat dari hotel dan kasino Luxor, Las Vegas, Amerika Syarikat.