

# NEWSLETTER

Newsletter

Issue No. 24

September 2007

## Inside this issue

رسالة المكتبة

المكتبة كيان للإشعاع الثقافي العلمي مهمته نشر العلم و الثقافة في  
مجتمع الكلية و الجامعة و البيئة المحيطة.

- From the editor

### كلمة المحرر

- Science News

" إلغاء الدعم : كلمتان خفيفتان على اللسان ، ثقيلتان على الوجدان "

- Forthcoming

- Just Arrived

- Faculty News

-Library News

تمثل المكتبة ومركز المعلومات بكلية الزراعة-جامعة القاهرة، قيمة علمية وثقافية وتنويرية لكل طالب العلم والمعرفة ليس في مجال الزراعة فقط ولكن في شتى المجالات والتي لا يقدر أثرها ومردودها بقيمة مادية وقد كانت المكتبة تحظى بمخصصات مالية من قبل إدارة الجامعة لتزويدها بالكتب والدوريات، وقد تم تخفيض الميزانيات الخاصة بشراء الكتب تبعها وقف الدعم المالي للمكتبة اللازم لعمليات الصيانة والتي تتكلف فقط مائة وخمسة وعشرون ألف جنيه سنوياً .

إن المكتبة مهما تعاضمت خدماتها لا تستطيع أن تدر أرباحاً تغطي نفقاتها بما يتفق مع مستوى أدائها المتميز أو أن تدار كوحدة ذات طابع خاص بعد أن تم تقييد وتكبير فعاليات وطرق إدارة هذه الوحدات.

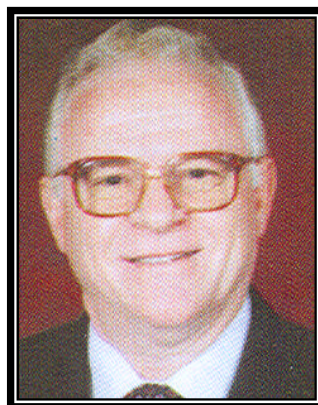
إن تطوير التعليم وفق نظام الجودة المراد تطبيقه ليس أوراق يتم تسويتها وتستيفها ولكنه يستمر وفقاً لمعايير تعتمد على دعم مالي كبير للمنظومة العلمية لا أن يتم تقليص الدعم المالي اللازم لخدمة العملية التعليمية من معامل ومكتبات وبحث علمي وتنمية الموارد البشرية .

إننا سوف نسعى بكل جدية لزيادة موارد المكتبة المالية وإيجاد مصادر دعم جديدة للمحافظة على الأداء المتميز للمكتبة وتطويره ووجدونا الأمل في أن يعاد النظر في إعادة المخصصات المالية للمكتبة ومركز المعلومات.

# CONGRATULATIONS



Να βιάς ΔΥΟΨ ΊΓΟά ΕΑβ ΕΨΕΕ ΒΒΨ ΕΝΟΐ αΐΗΕ



/ Να βιάς ΔΥΟΨ ΊΓΟά ΕΑβ ΕΨ ΕΨΑ ΐ α ΟΐΕαΐ ΗΕΨΑΒ  
Ίΐΐ άΨε ΠΐΐΕΐ άΨεΐ α ΉΐΓΟΐ άΐάΐ ΐ ; ΕΨ0Ψε



Ø / Νὰ Βιά, ΔϑΕΟϑ, ΤίΟά Ε/Α ΕΕαί ΗΕ(α Β



/ Νὰ Βιά, ΔϑΕΟϑ, ΤίΟά Ε ΟΤ Ε/Α ΗΕΕ ΗΒα ΕΝΟ αί ΗΕ(α Β  
; Εαί Εαε ϑαυ ΕϑΟΝία äα/Ο ?ηε à ΕϑΙΟ à ηΥΕΕ ϑαϑ, ΤίαΥ Νὰ Βιά, ΔϑΕΟϑ, ΤίΟα



Ø / Νὰ Βιά, ΔϑΕΟϑ, ΤίΟά àϑ ΝΥα ΝΒΟ, ΕϑΑ ι à ΟΗΕ ΗΒα ΕΝΟ αί ΗΕ(α Β  
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ϑΥΤ à ΟΙ α ?ϑ à Ρε ι à Νε

## Science News

### **Healthful Compounds In Tomatoes Increase Over Time In Organic Fields (July 16, 2007)**

Levels of flavonoids increase over time in crops grown in organically farmed fields, according to a rare long-term study scheduled for publication in the July 18 issue of ACS' Journal of Agricultural and Food Chemistry, a bi-weekly publication.

Other research has suggested that consumption of flavonoids may protect against cancer, heart disease, and other age-related diseases.

In the new study, Alyson E. Mitchell and colleagues compared levels of key flavonoids in tomatoes harvested over a 10-year period from two matched fields — one farmed organically and the other with conventional methods that included commercial fertilizers. The research focused on tomatoes because per capita consumption in the United States is so high, second only to potatoes. Researchers analyzed organic and conventional tomatoes that had been dried and archived under identical conditions from 1994 to 2004.



*Researchers compared levels of key flavonoids in tomatoes harvested over a 10-year period from two matched fields -- one farmed organically and the other with conventional methods that included commercial fertilizers.*

### **Wild Weather Forces Farmers To Adapt (July 30, 2007)**

The development of cropping systems resilient to extreme climatic conditions is a major challenge to farmers. USDA researchers have summarized their findings on the short-term effects of a variety of crop sequences in dynamic cropping systems.

Around the world, extreme climatic conditions are forcing farmers to rethink current cropping system strategies. To maximize crop production in the face of variable temperatures and precipitation, scientists say farmers may want to adopt a system in which crop sequencing decisions are based upon weather patterns and management goals each year. However, before making the change to a more adaptable cropping systems strategy, researchers say it's important to understand how short-term crop sequencing decisions affect key agronomic and environmental attributes.

<http://www.sciencedaily.com/releases/2007/07/070727163636.htm>

### **More Fish Oil, Less Vegetable Oil, Better For Your Health** (July 30, 2007)

Scientists have provided new evidence that using more fish oil than vegetable oil in the diet decreases the formation of chemicals called prostanoids, which, when produced in excess, increase inflammation in various tissues and organs. The results, by William L. Smith, Professor and Chair of Biological Chemistry at the University of Michigan, Ann Arbor, and colleagues, may help in designing new anti-inflammatory drugs with fewer side effects than the ones currently available.

Smith and colleagues looked at the mutual effects of both oils by changing their respective amounts in cultured cells. As expected, a relative increase in fish oil lowered the amount of prostanoids from vegetable oil, although not always in the expected proportions.

<http://www.sciencedaily.com/releases/2007/07/070726162224.htm>

### **Goats' Milk Is More Beneficial To Health Than Cows' Milk, Study Suggests** (July 31, 2007)

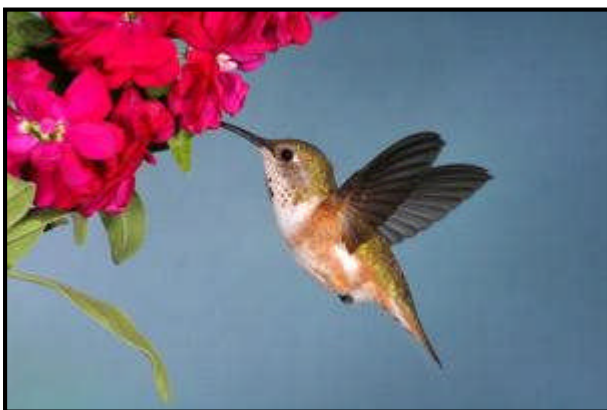
Researchers have carried out a comparative study on the properties of goats' milk compared to those of cows' milk. They found reason to believe that goats' milk could help prevent diseases such as anemia and bone demineralization. Goats' milk was found to help with the digestive and metabolic utilization of minerals such as iron, calcium, phosphorus and magnesium. It helps to prevent ferropenic anaemia (iron deficiency) and bone demineralisation (softening of the bones).

Although there is no doubt that these findings may be a base for further in depth study of the multiple health benefits of goat milk, the UGR researcher warns that "studies in humans are still required in order to confirm the findings obtained in rats and to promote goat milk consumption both in the general population and in the population affected by nutritional ferropenic anaemia and pathologies related to bone demineralisation." Part of the results of this research has been published in the International Dairy Journal and Journal Dairy Science.

<http://www.sciencedaily.com/releases/2007/07/070730100229.htm>

### **Curiosities: Why Do Flowers Smell, And Why Do Plants Smell, Too?** (July 31, 2007)

The luscious aroma of flowers attracts lovers, and the biological role of that smell is similar: to attract pollinators. "Plants need to attract insects, bats and hummingbirds to transfer the pollen and create fertile seeds," says Hugh Iltis, professor emeritus of botany at UW-Madison.



*Many plants enlist the help of animals -- such as this hummingbird -- to help them pollinate.*

Pollination is the transfer of pollen (the plant equivalent of sperm) to eggs. Some plants rely on wind or gravity, but many require animals to do the transportation. The smell of the flower alerts pollinators that the plant is ready to be pollinated, and when the animals arrive to collect pollen and/or nectar, pollen gets transferred.

Plants and pollinators often display a long history of mutual evolution, Iltis adds. When Charles Darwin saw a flower with a foot-long tube during the 1800s, he predicted the existence of a moth with an equally long “tongue” that could reach the female parts at the bottom of the tube. This moth was discovered more than a century later!

<http://www.sciencedaily.com/releases/2007/07/070727170052.htm>

### **Researcher Studies Proteins That Make Rice Flourish** (August 1, 2007)

research focuses on a certain type of proteins and the molecular mechanisms that trigger rice's response to stressful conditions, such as drought, high salinity or a biological disease called rice blast. Understanding how plants respond to these stressors will help scientists and farmers develop better ways to grow rice in less than optimal conditions.

To give rice plants a boost in their ability to tolerate stressful conditions, scientists used genetic engineering to create plants that would express a great deal of the protein. To do this, they inserted extra copies of the protein kinase DNA into the DNA of a rice plant. The transgenic rice plant then expressed an abundance of that particular protein. In contrast, scientists produced transgenic plants where the protein kinase was suppressed to see how the plants responded to stress in the absence of the protein of interest. The studies showed that the extra boost of protein kinases led to increased drought tolerance.

<http://www.sciencedaily.com/releases/2007/07/070727185610.htm>

### **Measuring Nectar From Eucalypts** (August 2, 2007)

In Australia, the effect of logging on canopy nectar production in tall forest trees has for the first time been investigated. State forests provide the major honey resource for the beekeeping ...

[http://www.sciencedaily.com/news/plants\\_animals/display=summaries&page=17](http://www.sciencedaily.com/news/plants_animals/display=summaries&page=17)

### **Irrigation May Not Cool The Globe In The Future** (August 14, 2007)

Expansion of irrigation has masked greenhouse warming in California's Central Valley, but irrigation may not make much of a difference in the future, according to a new study in the Aug. 13 edition of the Proceedings of the National Academy of Sciences.



Irrigation's influence on climate is often overlooked when studying the human effect on regional climate change. Yet, irrigation has expanded rapidly in many parts of the world and understanding its influence helps to explain historical trends and to improve climate projections in those regions.

*Watering crops. (Credit: Image courtesy of DOE/Lawrence Livermore National Laboratory)*

<http://www.sciencedaily.com/releases/2007/08/070814093826.htm>

**Want Citrulline? Try Watermelon** (August 15, 2007)

Here's another reason to enjoy watermelon before summer ends: This delicious fruit is unusually high in an amino acid known as citrulline. Our bodies use citrulline to make yet another amino acid, arginine, which helps cells divide, wounds heal, and ammonia to be removed from the body.

Watermelon's citrulline seems readily available for the body to take up and use. That's suggested in studies by scientists currently or formerly at the ARS South Central Agricultural Research Laboratory, Lane, Okla.

Now, the scientists want to determine the best way to extract citrulline from watermelon. Preliminary results suggest that arginine might help treat high blood pressure, unhealthy blood sugar levels and vascular disorders associated with sickle-cell disease.

<http://www.sciencedaily.com/releases/2007/08/070814185634.htm>

**First All-African GM Crop Is Resistant To Maize Streak Virus** (August 16, 2007)

The first all-African genetically modified crop plant with resistance to the severe maize streak virus (MSV), which seriously reduces the continent's maize yield, has been developed by scientists from the University of Cape Town and PANNAR PTY Ltd, a South African seed company.

The research, published in Plant Biotechnology Journal represents a significant advance in African agricultural biotechnology, and will play an important role in alleviating Africa's food shortages and famine.

<http://www.sciencedaily.com/releases/2007/08/070815105030.htm>

**Newly Discovered Prion Protein May Offer Insight Into Mad Cow Disease** (August 17, 2007)

Scientists have discovered a new protein that may offer fresh insights into brain function in mad cow disease. "Our team has defined a second prion protein called 'Shadoo', that exists in addition to the well-known prion protein called 'PrP' " said Professor David Westaway, director of the Centre for Prions and Protein Folding Diseases at the University of Alberta.

"For decades we believed PrP was a unique nerve protein that folded into an abnormal shape and caused prion disease: end of story. This view is no longer accurate," Westaway adds.

<http://www.sciencedaily.com/releases/2007/08/070816121102.htm>

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## *Forthcoming*

### **16th International Symposium of the International Scientific Centre for Fertilizers - "Mineral Versus Organic Fertilization - Conflict or Synergism"**

Dates: Sep 16 - 19, 2007

City: **Ghent**

Country: Belgium

### **GMO2007 - International Symposium on Genetic Modifications – Challenges and Opportunities for Horticulture in the World**

Dates: Sep 16 - 20, 2007

City: **Ski**

Country: Norway

### **13th EAAP International Conference on Fish and Shellfish Pathology**

Dates: Sep 17 - 21, 2007

City: **Grado**

Province: Gorizia

Country: Italy

### **LMC Congress 2007: Innovations in Food Technology**

Dates: Sep 19 - 20, 2007

City: **Copenhagen**

Country: Denmark

### **Effective Use of Rural Resources**

Dates: Sep 20 - 22, 2007

City: **Jelgava**

Country: Latvia

### **New Applications of Genetic Engineering in Livestock**

Dates: Sep 21 - 22, 2007

City: **Berlin**

Country: GM

### **12th EUCARPIA Symposium on Fruit Breeding and Genetics**

Dates: Sep 23 - 27, 2007

City: **Zaragoza**

Country: Spain

**5th European Poultry Genetic Symposium**

Dates: Sep 26 - 28, 2007

City: **Braedstrup-Horsens**

Country: Denmark

**Mycoglobe International Conference 2006 - "Advances on Genomics, Biodiversity and Rapid Systems for Detection of Toxigenic Fungi and Mycotoxins"**

Dates: Sep 26 - 30, 2007

City: **Bari**

Province: Bari

Country: Italy

**6th Symposium of Animal Nutrition and Biology**

Dates: Sep 27 - 28, 2007

City: **Balotești**

Country: RO

**2nd ISTD - International Symposium on Tomato Diseases**

Dates: Oct 08 - 12, 2007

City: **Kusadasi**

Country: Turkey

**Meeting of the IOBC Working Group - "Pesticides and Beneficial Organisms"**

Dates: Oct 10 - 12, 2007

City: **Berlin**

Country: Germany

**International Potato Processing and Storage Convention 2007**

Dates: Oct 10 - 12, 2007

City: **Calgary**

Province: Alberta

Country: CA

**12th Seminar of the FAO-CIHEAM Sub-Network on Sheep and Goat Nutrition**

Dates: Oct 11 - 13, 2007

City: **Thessaloniki**

Country: Greece

**VIII World Buffalo Congress**

Dates: Oct 19 - 22, 2007

City: **Caserta**

Province: Caserta

Country: Italy



**106th EAAE Seminar - Pro-poor development in low income countries: Food, agriculture, trade, and environment**

Dates: Oct 25 - 27, 2007

City: **Montpellier**

Country: France

**8th African Crop Science Society Conference**

Dates: Oct 27 - 31, 2007

City: **El-Minia**

Country: Egypt

**Integrated Control in Citrus Fruit Crops**

Dates: Nov 05 - 07, 2007

City: **Catania**

Province: Catania

Country: Italy

**International Conference on Traditional Dairy Foods 2007: "Science, Technology, Trade & Entrepreneurship for Global Prosperity"**

Dates: Nov 14 - 17, 2007

City: **Karnal**

Country: India

**2nd International Congress of Animal Production**

Dates: Nov 26 - 29, 2007

City: **Havana**

Country: Cuba

**Second International Conference of Economic Entomology: "Insect Pests and Their Impact on National Economy"**

Dates: Dec 08 - 11, 2007

City: **Cairo**

Country: Egypt

**British Cattle Conference, 2008**

Dates: Jan 21 - 23, 2008

City: **Shropshire**

Province: England

Country: UK



## TOP25 articles within the subject area: Agricultural and Biological Sciences

1. [Interactions of Atlantic salmon in the Pacific northwest environment - II. Organic wastes](#) • Article  
*Fisheries Research*, Volume 62, Issue 3, 1 June 2003, Pages 255-293  
Brooks, K.M.; Mahnken, C.V.W.
2. [Monitoring coastal northern cod: towards an optimal survey of Smith Sound, Newfoundland](#) • Article  
*ICES Journal of Marine Science*, Volume 60, Issue 3, 1 June 2003, Pages 453-462  
Rose, G.A.
3. [Understanding the long-term effects of species invasions](#) • Review article  
*Trends in Ecology & Evolution*, Volume 21, Issue 11, 1 November 2006, Pages 645-651  
Strayer, D.L.; Eviner, V.T.; Jeschke, J.M.; Pace, M.L.
4. [A comparative acoustic-abundance estimation of pelagic redfish \(Sebastes mentella\) from hull-mounted and deep-towed acoustic systems](#) • Article  
*ICES Journal of Marine Science*, Volume 60, Issue 3, 1 June 2003, Pages 472-479  
Dalen, J.; Nedreaas, K.; Pedersen, R.
5. [Biodiesel production: a review](#) • Article  
*Bioresource Technology*, Volume 70, Issue 1, 1 October 1999, Pages 1-15  
Ma, F.; Hanna, M.A.
6. [Structural basis of eukaryotic gene transcription](#) • Short survey  
*FEBS Letters*, Volume 579, Issue 4, 1 February 2005, Pages 899-903  
Boeger, H.; Bushnell, D.A.; Davis, R.; Griesenbeck, J.; Lorch, Y.; Strattan, J.S.; Westover, K.D.; Kornberg, R.D.
7. [Plant metabolomics: towards biological function and mechanism](#) • Review article  
*Trends in Plant Science*, Volume 11, Issue 10, 1 October 2006, Pages 508-516  
Schauer, N.; Fernie, A.R.
8. [Photoperiodic control of flowering: not only by coincidence](#) • Review article  
*Trends in Plant Science*, Volume 11, Issue 11, 1 November 2006, Pages 550-558  
Imaizumi, T.; Kay, S.A.
9. [Genomics and conservation genetics](#) • Review article  
*Trends in Ecology & Evolution*, Volume 21, Issue 11, 1 November 2006, Pages 629-637  
Kohn, M.H.; Murphy, W.J.; Ostrander, E.A.; Wayne, R.K.
10. [Engineering novel traits in plants through RNA interference](#) • Review article  
*Trends in Plant Science*, Volume 11, Issue 11, 1 November 2006, Pages 559-565  
Mansoor, S.; Amin, I.; Hussain, M.; Zafar, Y.; Briddon, R.W.
11. [Large-scale sequencing and the new animal phylogeny](#) • Article  
*Trends in Ecology & Evolution*, Volume 21, Issue 11, 1 November 2006, Pages 614-620  
Philippe, H.; Telford, M.J.
12. [Antimicrobial activities of methanol extracts and essential oils of Rosmarinus officinalis, depending on location and seasonal variations](#) • Article  
*Food Chemistry*, Volume 100, Issue 2, 1 January 2007, Pages 553-559  
Celiktas, O.Y.; Kocabas, E.E.H.; Bedir, E.; Sukan, F.V.; Ozek, T.; Baser, K.H.C.

13. [Biodiesel production using a membrane reactor](#) • Article  
*Bioresource Technology*, Volume 98, Issue 3, 1 February 2007, Pages 639-647  
Dube, M.A.; Tremblay, A.Y.; Liu, J.
14. [Recent surprises in protein targeting to mitochondria and plastids](#) • Review article  
*Current Opinion in Plant Biology*, Volume 9, Issue 6, 1 December 2006, Pages 610-615  
Millar, A.H.; Whelan, J.; Small, I.
15. [Mitochondria: More Than Just a Powerhouse](#) • Review article  
*Current Biology*, Volume 16, Issue 14, 1 July 2006, Pages R551-R560  
McBride, H.M.; Neuspiel, M.; Wasiaik, S.
16. [Reconstructing and Deconstructing Agonist-Induced Activation of Integrin  \$\alpha\$ IIb \$\beta\$ 3](#) • Article  
*Current Biology*, Volume 16, Issue 18, 1 September 2006, Pages 1796-1806  
Han, J.; Lim, C.J.; Watanabe, N.; Soriani, A.; Ratnikov, B.; Calderwood, D.A.; Puzon-McLaughlin, W.; Lafuente, E.M.; Boussiotis, V.A.; Shattil, S.J.; Ginsberg, Mark H.
17. [The Role of PIWI and the miRNA Machinery in Drosophila Germline Determination](#) • Article  
*Current Biology*, Volume 16, Issue 19, 1 October 2006, Pages 1884-1894  
Megosh, H.B.; Cox, D.N.; Campbell, C.; Lin, H.
18. [Identification of Tissue-Specific MicroRNAs from Mouse](#) • Short communication  
*Current Biology*, Volume 12, Issue 9, 1 April 2002, Pages 735-739  
Lagos-Quintana, M.; Rauhut, R.; Yalcin, A.; Meyer, J.; Lendeckel, W.; Tuschl, T.
19. [Biosynthesis of plant cell wall polysaccharides - a complex process](#) • Review article  
*Current Opinion in Plant Biology*, Volume 9, Issue 6, 1 December 2006, Pages 621-630  
Lerouxel, O.; Cavalier, D.M.; Liepman, A.H.; Keegstra, K.
20. [Biodiesel production from waste cooking oil: 1. Process design and technological assessment](#) • Article  
*Bioresource Technology*, Volume 89, Issue 1, 1 August 2003, Pages 1-16  
Zhang, Y.; Dube, M.A.; McLean, D.D.; Kates, M.
21. [Differential Regulation of Germline mRNAs in Soma and Germ Cells by Zebrafish miR-430](#) • Short communication  
*Current Biology*, Volume 16, Issue 21, 1 November 2006, Pages 2135-2142  
Mishima, Y.; Giraldez, A.J.; Takeda, Y.; Fujiwara, T.; Sakamoto, H.; Schier, A.F.; Inoue, K.
22. [Homo floresiensis: Microcephalic, pygmoid, Australopithecus, or Homo?](#) • Article  
*Journal of Human Evolution*, Volume 51, Issue 4, 1 October 2006, Pages 360-374  
Argue, D.; Donlon, D.; Groves, C.; Wright, R.
23. [Age-Dependent Usage of Double-Strand-Break Repair Pathways](#) • Short communication  
*Current Biology*, Volume 16, Issue 20, 1 October 2006, Pages 2009-2015  
Preston, C.R.; Flores, C.; Engels, W.R.
24. [Challenges to the generality of WBE theory](#) • Short survey  
*Trends in Ecology & Evolution*, Volume 21, Issue 11, 1 November 2006, Pages 593-596  
Coomes, D.A.
25. [Sexual selection and mate choice](#) • Review article  
*Trends in Ecology & Evolution*, Volume 21, Issue 6, 1 June 2006, Pages 296-302  
Andersson, M.; Simmons, L.W.



**TOP25 articles within the subject area:**  
**Biochemistry, Genetics and Molecular Biology**

1. [\*\*Molecular Anatomy of a Trafficking Organelle\*\*](#) • Article  
*Cell*, Volume 127, Issue 4, 1 November 2006, Pages 831-846  
Takamori, S.; Holt, M.; Stenius, K.; Lemke, E.A.; Gronborg, M.; Riedel, D.; Urlaub, H.; Schenck, S.; Brugger, B.; Ringler, P.; Muller, S.A.; Rammner, B.; Gräter, F.; Hub, J.S.; De Groot, B.L.; Mieskes
2. [\*\*The Hallmarks of Cancer\*\*](#) • Review article  
*Cell*, Volume 100, Issue 1, 1 January 2000, Pages 57-70  
Hanahan, D.; Weinberg, R.A.
3. [\*\*Induction of Pluripotent Stem Cells from Mouse Embryonic and Adult Fibroblast Cultures by Defined Factors\*\*](#) • Article  
*Cell*, Volume 126, Issue 4, 1 August 2006, Pages 663-676  
Takahashi, K.; Yamanaka, S.
4. [\*\*Wnt/ \$\beta\$ -Catenin Signaling in Development and Disease\*\*](#) • Review article  
*Cell*, Volume 127, Issue 3, 1 November 2006, Pages 469-480  
Clevers, H.
5. [\*\*Cancer Metastasis: Building a Framework\*\*](#) • Review article  
*Cell*, Volume 127, Issue 4, 1 November 2006, Pages 679-695  
Gupta, G.P.; Massague, J.
6. [\*\*Global, In Vivo, and Site-Specific Phosphorylation Dynamics in Signaling Networks\*\*](#) • Short communication  
*Cell*, Volume 127, Issue 3, 1 November 2006, Pages 635-648  
Olsen, J.V.; Blagoev, B.; Gnäd, F.; Macek, B.; Kumar, C.; Mortensen, P.; Mann, M.
7. [\*\*Suppression of Reactive Oxygen Species and Neurodegeneration by the PGC-1 Transcriptional Coactivators\*\*](#) • Article  
*Cell*, Volume 127, Issue 2, 1 October 2006, Pages 397-408  
St-Pierre, J.; Drori, S.; Uldry, M.; Silvaggi, J.M.; Rhee, J.; Jager, S.; Handschin, C.; Zheng, K.; Lin, J.; Yang, W.; Simon, D.K.; Bachoo, R.; Spiegelman, B.M.
8. [\*\*Conjugate Addition of gem-Borazirconocene Alkanes to Michael Acceptors\*\*](#) • Article  
*Tetrahedron Letters*, Volume 36, Issue 11, 1 March 1995, Pages 1805-1808  
Pereira, S.; Srebnik, M.
9. [\*\*Resveratrol Improves Mitochondrial Function and Protects against Metabolic Disease by Activating SIRT1 and PGC-1 \$\alpha\$\*\*](#)  • Article  
*Cell*, Volume 127, Issue 6, 1 December 2006, Pages 1109-1122  
Lagouge, M.; Argmann, C.; Gerhart-Hines, Z.; Meziane, H.; Lerin, C.; Daussin, F.; Messadeq, N.; Milne, J.; Lambert, P.; Elliott, P.; Geny, B.; Laakso, M.; Puigserver, P.; Auwerx, J.
10. [\*\*New Histone Incorporation Marks Sites of UV Repair in Human Cells\*\*](#) • Article  
*Cell*, Volume 127, Issue 3, 1 November 2006, Pages 481-493  
Polo, S.E.; Roche, D.; Almouzni, G.
11. [\*\*The Orphan Nuclear Receptor ROR \$\alpha\$  Directs the Differentiation Program of Proinflammatory IL-17 \$^{+}\$  T Helper Cells\*\*](#) • Article  
*Cell*, Volume 126, Issue 6, 1 September 2006, Pages 1121-1133  
Ivanov, I.I.; McKenzie, B.S.; Zhou, L.; Tadokoro, C.E.; Lepelley, A.; Lafaille, J.J.; Cua, D.J.; Littman, D.R.

12. [\*\*Transcriptional Repression of PGC-1 \$\alpha\$  by Mutant Huntingtin Leads to Mitochondrial Dysfunction and Neurodegeneration\*\*](#) • Article  
*Cell*, Volume 127, Issue 1, 1 October 2006, Pages 59-69  
Cui, L.; Jeong, H.; Borovecki, F.; Parkhurst, C.N.; Tanese, N.; Krainc, D.
13. [\*\*The C Terminus of the L-Type Voltage-Gated Calcium Channel Ca<sup>v</sup>1.2 Encodes a Transcription Factor\*\*](#) • Article  
*Cell*, Volume 127, Issue 3, 1 November 2006, Pages 591-606  
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Immunology and Microbiology**

1. [Th17: An Effector CD4 T Cell Lineage with Regulatory T Cell Ties](#) • Review article  
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Weaver, C.T.; Harrington, L.E.; Mangan, P.R.; Gavrieli, M.; Murphy, K.M.
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*Immunity*, Volume 25, Issue 5, 1 November 2006, Pages 701-715  
Schulze-Luehrmann, J.; Ghosh, S.
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*Current Opinion in Immunology*, Volume 18, Issue 3, 1 June 2006, Pages 349-356  
Harrington, L.E.; Mangan, P.R.; Weaver, C.T.
4. [Toll-like Receptor Recognition Regulates Immunodominance in an Antimicrobial CD4<sup>+</sup> T Cell Response](#) • Article  
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Yarovinsky, F.; Kanzler, H.; Hieny, S.; Coffman, R.L.; Sher, A.
5. [How Toll-like receptors signal: what we know and what we don't know](#) • Review article  
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6. [Biodiesel production: a review](#) • Article  
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Ma, F.; Hanna, M.A.
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*Current Opinion in Immunology*, Volume 18, Issue 6, 1 December 2006, Pages 670-675  
Kikly, K.; Liu, L.; Na, S.; Sedgwick, J.D.
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9. [Toll-like receptor function and signaling](#) • Review article  
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11. [Cell-surface IL-7 receptor expression facilitates the purification of FOXP3<sup>+</sup> regulatory T cells](#) • Short survey  
*Trends in Immunology*, Volume 27, Issue 12, 1 December 2006, Pages 541-544  
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12. [Toll-like Receptors Keep Antigen Sorting on the Right Track](#) • Short survey  
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van Kooyk, Y.; Geijtenbeek, T.B.H.



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*Immunity, Volume 25, Issue 3, 1 September 2006, Pages 417-428*  
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*Bioresource Technology, Volume 98, Issue 3, 1 February 2007, Pages 639-647*  
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*Immunity, Volume 25, Issue 4, 1 October 2006, Pages 533-543*  
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## QUOTES...

The difference between genius and stupidity is; genius has its limits.

Albert Einstein

"Never interrupt your enemy when he is making a mistake."

Napoleon Bonaparte

**The teacher to a student:** Conjugate the verb "to walk" in simple present.

**The student:** I walk. You walk....

The **teacher** interrupts him: Quicker please.

The **student:** I run. You run...

A man receives a phone call from his doctor.

**The doctor says,** "I have some good news and some bad news."

**The man says,** "OK, give me the good news first."

**The doctor says,** "The good news is, you have 24 hours to live."

**The man replies,** "Oh no! If that's the good news, then what's the bad news?"

**The doctor says,** "The bad news is, I forgot to call you yesterday."

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