



The Scholarly Publishers' Collaborative Network

This Month from the Collaborative August 2010



This Month in The FASEB Journal August 2010

WHAT'S ON THE COVER

This month's cover is Wassily Kandinsky's "Accent in Pink," 1926, oil on canvas, Musee National d'Art Moderne, Centre Georges Pompidou, Paris. Kandinsky (1866–1944) was a pioneer in the field of abstract, non-objective painting, the defining aesthetic movement of the 20th century. Russian by birth, lawyer by profession, Kandinsky embarked on a career in art in his early thirties ... What set Kandinsky apart from the rest of the pack was his interest in science.

Read more here: <http://www.fasebj.org/content/vol24/issue8/cover.shtml>

Novel Bee Venom Derivative Forms a Nanoparticle "Smart Bomb" to Target Cancer Cells

The journal is abuzz in a hive of bee-related discoveries. Last month, we published research showing for the first time how honey kills bacteria. This month's study shows how bee venom peptides can form "smart bombs" that deliver liposomal nanoparticles directly to their target, without collateral damage.

Read the summary here: http://www.eurekalert.org/pub_releases/2010-08/foas-nbv080210.php

Read the abstract here: <http://www.fasebj.org/cgi/content/abstract/24/8/2928>

WHAT'S UP FRONT

The Midwife Toad and Alma Mahler: Epigenetics or a Matter of Deception?

When a scientist commits suicide a few weeks after a paper in *Nature* shows that he faked a critical experiment, we might assume the case closed. However, if the scientist is the Viennese biologist Paul Kammerer (1880–1926), and if the case is the notorious "Case of the Midwife Toad," then the docket remains open.

Read the full editorial here: <http://www.fasebj.org/cgi/content/full/24/8/2591>

WHAT'S FEATURED

For Osteoporosis Patients, Exercise Pill One Step Closer to Reality

For osteoporosis patients unable to exercise, help may be on the way: New research opens the door to entirely new therapies that can trick bones into thinking they are getting a workout.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-04/foas-fop040710.php

Get the abstract here: <http://www.fasebj.org/cgi/content/short/24/8/2859>

New Test Takes Guesswork out of Diagnosing Early Stage Alzheimer's Disease

A new test developed by Japanese scientists may revolutionize how and when physicians diagnose Alzheimer's disease.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-03/foas-ntt032510.php

Get the abstract here: <http://www.fasebj.org/cgi/content/abstract/24/8/2716>

Why Living Things Are the Size They Are -- and None Other

If you consider yourself to be too short or too tall, things are looking up, or down, depending on your vertical disposition. This study explains how we grow, how our bodies maintain correct proportions, and offers insight into what goes wrong with growth disorders and unregulated cell growth in cancer.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-04/foas-sfo040710.php

Get the abstract here: <http://www.fasebj.org/cgi/content/short/24/8/3083>

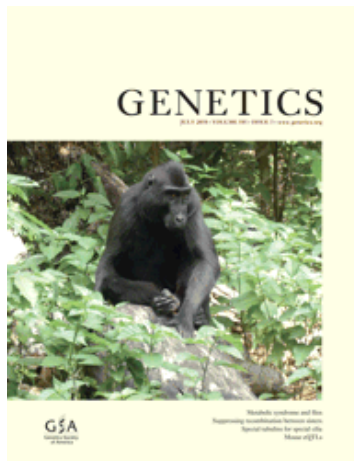
Study of Autism Reveals a 'DNA tag' (Methylation) Amenable to Treatment

A new discovery raises hope that autism may be more easily diagnosed and that its effects may be more reversible than previously thought.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-04/foas-nso040810.php

Get the abstract here: <http://www.fasebj.org/cgi/content/short/24/8/3036>

WHAT'S ELSEWHERE



This Month in *Genetics*

About the Cover

The social system of Cercopithecine monkeys, such as the crested black macaque shown here, is characterized by female philopatry, obligate male migration, and a higher variance in reproductive success in males than females. EVANS *et al.* (pp. [923–937](#)) investigate the hypothesis that the demographic features of this species' breeding system lead to distinct patterns of DNA sequence polymorphism in different genomic elements.

Why Fad Diets Work Well for Some, but not Others

Ever notice some people seem to eat anything they want and never gain a pound, while others seem to gain weight just by looking at fattening foods? You may be seeing things correctly after all.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-07/gsoa-wf072810.php

Get the abstract here: <http://www.genetics.org/cgi/content/abstract/185/3/1009>



This Month in *Journal of Leukocyte Biology*

ON THE COVER: Microscopic analysis of T cells cocultured with monocytes in the presence of ADA2—see Zavalov *et al.*, “Human adenosine deaminase 2 induces differentiation of monocytes into macrophages and stimulates proliferation of T helper cells and macrophages,” page 279.

How Blocking the “Programmed Death 1” Protein may Treat or Prevent Sepsis and Severe Infection

Interfering with the function of the cell membrane protein called “Programmed Death 1” (PD-1) improves survival in a clinically relevant model of severe infection, opening doors to an entirely new class of anti-infection drugs that block the PD-1 protein’s function.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-08/foas-hbt080210.php

Get the abstract here: <http://www.jleukbio.org/cgi/content/abstract/88/2/233>



This Month in *Health Affairs*

Health Affairs

One in Four Californian Children Have Never Seen a Dentist, Study Finds

In California, nearly 25 percent of children have never seen a dentist and disparities exist across race, ethnicity and type of insurance when it comes to the duration between dental care visits.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-07/uoc--oif070710.php

Get the abstract here: <http://content.healthaffairs.org/cgi/content/abstract/29/7/1356>



This Month in *The American Journal of Psychiatry*

Battlefield Psychologists Investigate Stress in Combat and After

A new study reports that people confronted with acute stress -- daily rocket attacks -- tend to dissociate from threats instead of becoming more vigilant. This research overturns accepted convention and may lead to better understanding of the mechanisms underlying acute stress reactions.

Get the summary here: http://www.eurekalert.org/pub_releases/2010-07/afot-bpi071910.php

Get the abstract here: <http://ajp.psychiatryonline.org/cgi/content/abstract/167/6/694>



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****WHAT YOU MIGHT HAVE MISSED****

(a special section only for those who scroll all the way down)

Evolution and Its Discontents: A Role for Scientists in Science Education

A coalition of scientific societies and science teachers has conducted a national survey of likely U.S. voters to examine acceptance of evolution, attitudes toward science and scientists, and opportunities for promoting science education.

Get the full story here: <http://www.fasebj.org/cgi/content/full/22/1/1>

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