



BioTechCircle News®

March 2006

Quote of the month:

Clusters of "memory-robbing" proteins could be one of the earliest signs of degenerative brain disorder Alzheimer's, scientists have suggested. The finding could lead to a test to detect early signs of the disease.

<http://news.bbc.co.uk/1/hi/health/4807056.stm>

In this articles section: links to 63 free Web articles in 13 major categories.

The major categories are in alphabetical order and further subdivided to make it easy for you to locate news and developments in technology, the business and the markets in the life science areas of interest to you.

Note: if the links don't connect you directly, please copy and paste the entire URL into your web browser.

Here are the major categories and the page where each category starts:

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AGRI-BIOTECH

Subcategory: Cardiology/ Vascular Diseases

Researchers Create Pigs that Produce Heart-healthy Omega-3 Fatty

Bio.com

26-Mar-06

Humans take dietary supplements or eat certain types of fish that may also contain high levels of mercury to improve health through omega-3 fatty acids. This is first cloned transgenic livestock in the world that can make the beneficial compound.

<http://www.bio.com/realm/research.jhtml?realmId=5&cid=18300034>

Subcategory: Pharmaceuticals

Plant-Made Pharmaceuticals

Mariam Andrawiss

Drug Discovery & Development

01-Mar-06

Biopharming might be as easy as literally growing drugs on trees, if it wasn't for the international regulations, technical challenges, and safety issues, says Andrawiss.

<http://www.ddmag.com/ShowPR.aspx?PUBCODE=090&ACCT=1600000100&ISSUE=0603&RELTYPE=RR&PRODCODE=00000000&PRODLETT=AF>

BIOBUSINESS MANAGEMENT

Subcategory: Financial Management (not funding)

IT Governance: The Under-Leveraged Discipline

Marc Swenson

Contract Pharma

01-Mar-06

Many pharmaceutical executives don't realize that the building blocks of an effective IT governance capability are already embedded in their organizations: many of the same business practices can also be applied to better manage the IT organization.

<http://www.contractpharma.com/articles/2006/03/it-governance-the-underleveraged->

CONTRACT SERVICES

Subcategory: Single-source Services

Biostorage: Whom Can You Trust?

F. John Mills

Contract Pharma

01-Mar-06

To maximize margins and efficiency in a highly competitive and

regulated environment, biopharmaceutical firms are increasingly turning to specialized outsourcing providers to manage resource-intensive non-core functions such as biomaterial storage.

<http://www.contractpharma.com/articles/2006/03/biostorage-whom-can-you-trust.php>

DIAGNOSTIC TOOLS

Subcategory: Immunology/ Infectious Diseases

MassTag Polymerase Chain Reaction for Differential Diagnosis of Viral Hemorrhagic Fevers

CDC

17-Mar-06

Describes a diagnostic system for rapid, multiplex polymerase chain reaction identification of 10 different causes of viral hemorrhagic fevers.

<http://www.cdc.gov/ncidod/eid/vol12no04/05-1515.htm>

Subcategory: Lab-on-a-chip/ DNA Chips/

Diagnostic Devices Break Out

Patrick McGee

Drug Discovery &

01-Mar-06

Researchers believe 2006 will be a big year, with the number of microarray-based diagnostic devices increasing from just one to several.

<http://www.ddmag.com/ShowPR.aspx?PUBCODE=090&ACCT=1600000100&ISSUE=0603&RELTYPE=CHO&PRODCODE=00000000&PRODLETT=X>

Subcategory: Nanotechnology

Gold Nanorods May Make Safer Cancer Treatment

Bio.com

14-Mar-06

By changing the shapes of gold nanospheres into cylindrical gold nanorods, researchers can detect malignant tumors hidden deeper under the skin, selectively destroying them with lasers only half as powerful as before and without harming healthy cells.

<http://www.bio.com/realm/research.jhtml?realmId=4&cid=17900010>

Subcategory: Oncology

Cells in Mucus from Lungs of High-risk Patients Can Predict Tumor Development

Bio.com

15-Mar-06

In a group of high-risk patients, a test that examined DNA from cells expelled in sputum for evidence of "silenced" genes correctly identified the majority of patients who were later diagnosed with lung cancer, say researchers.

<http://www.bio.com/realm/research.jhtml?realmId=2&cid=17900018>

INDUSTRY

Subcategory: Environment

S.F. Seeks Another Cutting-Edge Biotech Facility

San Francisco Examiner

17-Mar-06

San Francisco will become the home of a new \$300 million federal research facility that will explore how to harness microbes to create cutting-edge, clean technology.

http://www.examiner.com/Search-a50287~S_F_seeks_another_cutting_edge_biotech_facility.html

Subcategory: Geographic focus

Report Touts Life Sciences

Journal and Courier

14-Mar-06

A report by Indiana's life sciences initiative shows \$214 million in new investments were made in the state's increasingly important industry in 2005, creating 2,200 jobs.

<http://www.jconline.com/apps/pbcs.dll/article?AID=/20060314/BUSINESS/603140303/1059/>

Few Jobs Await Graduating Biotech Students

RedOrbit

05-Mar-06

Relates job shortages in Florida. In some instances, young biotech companies are made up of only a chief executive, a chief scientist and some graduate students. They have yet to do any serious hiring.

http://www.redorbit.com/news/health/415728/few_jobs_await_graduating_biotech_students/in

Subcategory: Government/ Approvals

Biotech Innovation Benefits From Streamlined Manufacturing Policy

Jill Wechsler

BioPharm International

01-Mar-06

The Food and Drug Administration (FDA) recently issued new policies to encourage sponsors to conduct more informative and less costly early clinical trials. Links to FDA documents.

<http://www.biopharm-mag.com/biopharm/article/articleDetail.jsp?id=312949>

INVESTMENTS/ GOV. SUPPORT

Subcategory: Imaging

NIH Provides \$24 Million to Support Research Network

EurekaAlert!

17-Mar-06

The National Center for Research Resources (NCRR) announces continued support to the Biomedical Informatics Research Network (BIRN) for neuroimaging, but the tools and technologies developed will ultimately be applicable to other disciplines.

<http://www.nih.gov/news/pr/mar2006/ncrr-17.htm>

Subcategory: State

States' Battle Over Biotech Business Begets Brainstorming

Brian O'Connell

BioPharm International

01-Mar-06

The last few years have seen a big increase in state investments in biotechnology, including funding facilities, tax credits for R&D and for investment in VC funds. Lists various initiatives in the U.S.

<http://www.biopharm-mag.com/biopharm/article/articleDetail.jsp?id=312948>

MEDICAL DEVICES

Subcategory: Disease Prevention

Genencor Launches Revolutionary Enzyme Technology for Prion Decontamination

Bio.com

27-Mar-06

The enzyme product can be used to disinfect medical instruments utilized in invasive surgeries, such as procedures related to the central nervous system, eyes and tonsils, where prions have been shown to accumulate in the body.

<http://www.bio.com/realm/industry.jhtml?realmId=2&cid=18200028>

ORGANIZATIONS

Subcategory: Bio Pharma

Bio-giant Amgen to Go on Building, Hiring Spree

San Francisco Business

03-Mar-06

The world's largest biotechnology company, plans to aggressively expand in South San Francisco with the addition of 500,000 square feet of research and development space expected to be built during the next 3 years.

<http://www.bizjournals.com/sanfrancisco/stories/2006/03/06/story2.html>

PLATFORM TECHNOLOGIES

Subcategory: Biomanufacturing

The Science

BioPharm International

10-Mar-06

Fermentation and cell culture are the practical art of keeping cells alive

and growing in an artificial environment. Reviews fermentation and cell culture technology.

<http://www.biopharm-mag.com/biopharm/article/articleDetail.jsp?id=312957&pageID=1>

Subcategory: Cell Culture

Manchester Scientists Create New Gel for 3D Cell Culture

University of Manchester

06-Mar-06

Scientists have created a new gel which provides a pH neutral environment for culturing cells in 3D. The peptide-gel is the first pH neutral material made from combinations of dipeptides in which cells can be cultured under physiological conditions.

<http://www.manchester.ac.uk/aboutus/news/pressreleases/bio-gel/>

Subcategory: Cell Therapy

Uncovering How Bone Marrow Stromal Cells Can Potentially Regenerate Brain Tissue

Society of Nuclear

15-Mar-06

Researchers have found a piece of the “missing link” about how bone marrow stromal cells restore lost neurologic function when transplanted into animals exhibiting central nervous system disorders.

<http://interactive.snm.org/index.cfm?PageID=4971>

Subcategory: Epigenetics

'Accelerated Evolution' Converts RNA Enzyme to DNA Enzyme In Vitro

Bio.com

27-Mar-06

During early life on earth both genetic information and catalytic function were thought to reside only in RNA. Study shows that similar evolutionary pathways may exist between other classes of nucleic acid-like molecules.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=18300016>

Geneticists Trace Original Organism

Guardian Unlimited

03-Mar-06

Geneticists have drawn up the most accurate tree of life yet and pinpointed what they believe to be the organism from which all other life on Earth evolved.

<http://www.guardian.co.uk/genes/article/0,,1722530.00.html>

Subcategory: Genomics

Junk DNA May Not Be So Junky After All

Bio.com

23-Mar-06

Researchers have invented a cost-effective and highly efficient way of analyzing what many have termed "junk" DNA and identified regions critical for controlling gene function.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=18200014>

NHGRI Announces New Sequencing Targets

Bio.com

15-Mar-06

The highest priority of 3 projects is to identify structural variations in the human genome, which will characterize the most common types of structural variation in human DNA.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=17900016>

Subcategory: High Throughput Screening

New Method for Identifying Microbes

Brookhaven National

03-Mar-06

Scientists have developed a new, high-throughput technique for identifying the many species of microorganisms living in an unknown "microbial community." Implications for bioterrorism, contamination cleanup, pathogen identification.

http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=06-21

Subcategory: Miscellaneous

Scientists Capture the Speediest Ever Motion in a Molecule

EurekAlert!

02-Mar-06

The fastest ever observations of protons moving within a molecule will allow scientists to study molecular behavior previously too fast to be detected.

http://www.eurekalert.org/pub_releases/2006-03/icl-sct022806.php

Subcategory: Nanotechnology

'Nano Skins' Show Promise as Flexible Electronic Devices

EurekAlert!

01-Mar-06

Flexible, conducting 'nano skins' have a variety of applications, from electronic paper to sensors for detecting chemical and biological agents. They combine the strength and conductivity of carbon nanotubes with the flexibility of traditional polymers.

http://www.eurekalert.org/pub_releases/2006-03/rpi-ss030106.php

Subcategory: Proteomics

Mispairs in Genetic Material Make Protein Synthesis More Efficient

William McClain

Bio.com

06-Mar-06

Mispaired nucleotides, also called "wobble pairs," do not bind together as tightly as matched pairs bind, making the molecule more adroit, which enhances its ability to build proteins.

<http://www.medicalnewstoday.com/medicalnews.php?newsid=39009>

UW-Madison Engineers Squeeze Secrets from Proteins

Bio.com

21-Mar-06

Protein stability is an important property in numerous applications. Researchers demonstrate for the first time is that the stability of proteins under severe confinement depends on their shape, their size and their interactions with the environment.

<http://www.bio.com/realm/research.jhtml?realmId=2&cid=18100013>

Computer Tutoring for Protein Origami

Catherine Shaffe

Genomics & Proteomics

01-Feb-06

Globular proteins fold very quickly, but little is known about how they do it. Improvements in computing power and novel approaches are whittling away at the mysteries of protein movement.

<http://www.genpromag.com/ShowPR~PUBCODE~018~ACCT~1800000100~ISSUE~0602~RELTTYPE~PR~ProdCode~00000000~PRODLETT~BI.html>

Discovery of New Molecular Tools for Biosynthesis Could Lead to Important Advances in Use of Pectin in Medicine, Agriculture and Industry

University of Georgia

21-Mar-06

Researchers have discovered a gene that encodes one of the proteins responsible for pectin synthesis. Pectin has anticancer properties and may have a role in important biological functions including plant growth and development/ defense against disease.

http://www.uga.edu/news/artman/publish/060321_DebraMohnen.shtml

Subcategory: Virology

Researchers Simulate Complete Structure of Virus -- On A Computer

Bio.com

14-Mar-06

For their first attempt to reverse engineer a life form in a computer program, computational biologists selected the satellite tobacco mosaic virus because of its simplicity and small size. This step will assist in learning more about how viruses live.

<http://www.bio.com/realm/research.jhtml?realmId=3&cid=17900003>

RESEARCH ADVANCEMENTS

Subcategory: Disease Prevention

Combined, Genes and Environment Affect Health More Than They Do

Bio.com

03-Mar-06

Researchers have shown that people's genes play a key role in how they respond both biologically and psychologically to stress in their environment, indicating that genetic makeup and the environment combine to influence health and well-being.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=17500065>

Subcategory: Food

Nutritional Friend or Foe? Vitamin E Sends Mixed Messages

Ohio State University

03-Mar-06

In laboratory experiments, the kind of vitamin E found in corn and soybean oil, gamma-tocopherol, ultimately destroyed animal cells. But the other form of vitamin E, alpha-tocopherol, did not.

<http://researchnews.osu.edu/archive/vite.htm>

Subcategory: Genomics

Most Human-Chimp Differences Due to Gene Regulation - Not Genes

Bio.com

08-Mar-06

Scientists provide new evidence documenting the 99% similarity of genes from humans and chimps; suggest that altered gene regulation might explain how so few genetic changes could produce the wide anatomic and behavioral differences.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=17700010>

Subcategory: Lab-on-a-chip/ DNA Chips/

Boston University Scientists Develop New Application to Characterize Structure of DNA Molecules

Boston University

03-Mar-06

New technique provides insight into how DNA conforms to microarray surfaces, such as microarrays used in genomics research.

<http://www.bu.edu/phpbin/news/releases/display.php?id=1071>

Subcategory: Metabolism: Obesity, Diabetes

Johns Hopkins Scientists Exploit Novel Route To Reverse Enlarged Hearts In Obese Mice

Medical News Today

08-Mar-06

Injecting ciliary neurotrophic factor (CNTF) into genetically-engineered mice that were either deficient in or resistant to leptin dramatically reduced heart muscle size, suggesting there's a novel brain-signaling pathway in obesity-related heart failure.

<http://www.medicalnewstoday.com/medicalnews.php?newsid=39011&nfid=rssfeeds>

Subcategory: Miscellaneous

X Chromosomes Key to Sex Differences in Health

Bio.com

21-Mar-06

Researchers are recognizing that diseases may be expressed differently in men and women, and that not all of the differences can be explained by hormones alone, that the X and Y sex chromosomes may offer

insight into sex differences in disease.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=18100008>

Resolvin E1 Protects Against Inflammation and Bone Loss

EurekAlert!

10-Mar-06

Inflammation plays a critical role in many diseases, including heart diseases and asthma. Resolvins, a new family of biologically active products of omega-3 fatty acids have been found to be natural endogenous regulators of the inflammatory response.

http://www.eurekalert.org/pub_releases/2006-03/iaa-rep022806.php

Subcategory: Musculoskeletal

UCR Researchers Grow Bone Cells on Carbon Nanotubes

University of California

14-Mar-06

Nanotubes, 100,000 times finer than a human hair, are an excellent scaffold for bone cells to grow on. They hold promise in the treatment of bone defects associated with the removal of tumors, trauma, and abnormal bone development and in dental implants.

<http://www.newsroom.ucr.edu/cgi-bin/display.cgi?id=1273>

Subcategory: Nanotechnology

'Custom' Nanoparticles Could Improve Cancer Diagnosis and Treatment

Bio.com

26-Mar-06

Designed at the molecular level to attack specific types of cancer without affecting healthy cells, the nanoparticles also have the potential to reduce side effects associated with chemotherapy, say researchers.

<http://www.bio.com/realm/research.jhtml?realmId=4&cid=18300014>

Subcategory: Neurology

'Memory Robber' Alzheimer's Sign

BBC News

16-Mar-06

Clusters of "memory-robbing" proteins could be one of the earliest signs of degenerative brain disorder Alzheimer's, scientists have suggested. The finding could lead to a test to detect early signs of the disease.

<http://news.bbc.co.uk/1/hi/health/4807056.stm>

Dying of Excitement

Bio.com

06-Mar-06

To avoid overexcitement of neurons, brain cells must sop up unneeded neurotransmitters from the synapse through transporters or neurons and other brain cells get excited to death, contributing to brain damage during stroke and Alzheimer's disease.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=17600002>

Scientists Examine Link Between Protein And Neurological Disease

- InteliHealth 08-Mar-06
- Researchers have developed a technique to spot the earliest changes on the surface of proteins. Proteins can start to clump and are a hallmark of degenerative neurological disorders such as Lou Gehrig's, Parkinson's and Alzheimer's diseases.
- <http://www.intelihealth.com/IH/ih/IH/WSIHW000/333/7228/455620.html>
- Subcategory: Oncology***
- Researchers Unravel DNA Tangles and Enzyme Seamstresses** 14-Mar-06
- Bio.com
- Researchers used computer simulations to mimic the DNA mess inside the nucleus with a series of billions of linked and unlinked loops. The findings could have implications in designing new drugs to treat cancer and infectious diseases.
- <http://www.bio.com/realm/research.jhtml?realmId=1&cid=17900004>
- Newly Discovered Killer Cell Fights Cancer** 03-Mar-06
- EurekAlert!
- A mouse immune cell that plays dual roles as both assassin and messenger, normally the job of two separate cells, has been discovered by researchers.
- http://www.eurekalert.org/pub_releases/2006-03/jhmi-ndk030306.php
- Hopkins Researchers Discover Genetic Switch That Turns off an Oxygen-poor Cell's Combustion Engine** 07-May-06
- EurekAlert!
- Researchers discovered that the gene HIF-1 acts as a genetic switch to help cells survive when a lack of oxygen decreases production of ATP and increases production of toxic molecules. The switch may be a target for cancer drugs.
- http://www.eurekalert.org/pub_releases/2006-03/jhmi-hrd030606.php
- Spit Test Spots Oral Cancer** 09-Mar-06
- HealthDay
- Saliva holds gene 'signature' that warns of early disease. Saliva samples from more than 300 oral cancer patients and healthy controls indicate 4 specific RNAs in combination could have a sensitivity and specificity for oral cancer of over 90%.
- <http://www.healthday.com/view.cfm?id=531445>
- Researchers Discover a Unique Molecular Profile for Lung Cancer** 13-Mar-06
- National Institute of
- Researchers have found that the expression pattern of certain microRNAs (miRNAs) may predict tumor aggressiveness in some patients with lung cancer. Indicate that miRNAs may represent a new class of diagnostic and prognostic tools for lung cancer.

<http://www.nih.gov/news/pr/mar2006/nci-13.htm>

Vaccinate Against Viruses to Fight Cancer

New Scientist

13-Mar-06

About 18%, or 1.8 million cases, of all new cancers worldwide each year are linked to infections, although no vaccine exists against many of the related viruses. Research suggests vaccines could prevent hundreds of thousands of cases of cancer each year.

<http://www.newscientist.com/channel/health/dn8831.html>

Tocotrienols May Stop the Spread of Cancer Cells

Nutra Ingredients

16-Mar-06

Researchers studied the effects of all 8 forms of vitamin E on the inhibition of mammalian DNA polymerase, the enzyme that assists DNA replication. The alpha- and delta-tocotrienol forms of vitamin E is reported to inhibit the spread of cancer cells.

<http://www.nutraingredients.com/news/ng.asp?n=66451>

Subcategory: Ophthalmology

Variations in Genes Can Influence the Risk of Developing Age-Related Macular Degeneration and Other Diseases Such as Cancer

National Cancer Institute

06-Mar-06

A research team has identified a genetic variant that is associated with an increased risk of developing AMD (Age-Related Macular Degeneration). They also found two genetic variants that protect against developing this disease.

<http://www.cancer.gov/newscenter/pressreleases/MacularDegenerationCancer>

Subcategory: Pain Management

Novel Method Reveals How Menthol Discovery Could Point Towards New Or Improved Pain Therapies

Bio.com

10-Mar-06

Misregulation of temperature-activated ion channels can result in chronic pain syndromes, say researchers. Understanding how small molecules such as menthol affect the function of these proteins could be crucial in designing future drugs.

<http://www.bio.com/realms/research.jhtml?realmId=4&cid=17700030>

Subcategory: Pediatrics/ Neonatology

Doernbecher Researchers To Study Effectiveness Of Stem Cell Transplant In Human Brain

Oregon Health and Science Univ.

09-Mar-06

First-of-its-kind clinical trial will explore safety, preliminary efficacy of injecting human stem cells directly into the brain to treat fatal

pediatric neurodegenerative disorder.
<http://www.ohsu.edu/ohsuedu/newspub/releases/030906stemcells.cfm>

Subcategory: Psychiatry/ Psychology

Depression Model Leaves Mice with Molecular Scar

National Institutes of Health

28-Feb-06

Repeated defeat by dominant animals leaves a mouse with an enduring molecular scar in its brain that could help to explain why depression is so difficult to cure, suggest researchers.

<http://www.nih.gov/news/pr/feb2006/nimh-28.htm>

RESEARCH TOOLS

Subcategory: Biosensors

Companies License Real-time Pathogen Detection Technology Developed at Kent State, NEOUCOM

EurekaAlert!

01-Mar-06

The liquid crystal biosensor technology offers the promise of detection and identification of harmful pathogens within minutes. Current detection methods can take up to 3 days to identify disease-causing agents.

http://www.eurekaalert.org/pub_releases/2006-03/ksu-clr030106.php

Subcategory: Databases

Invitrogen and NIH Chemical Genomics Center Enter into Chemical Genetics Collaboration

Bio.com

06-Mar-06

Goal of the collaboration is to identify novel small molecules that modulate key signaling pathways associated with disease pathophysiology. All of the screening data from the collaboration will be deposited in the PubChem database.

<http://www.bio.com/realm/industry.jhtml?realmId=1&cid=17600024>

'Genetic Network' Guards Against Lethal DNA Damage

Bio.com

13-Mar-06

The discovery in yeast cells of a genetic network that guards against lethal DNA damage is a first step in the creation of a database of disease-causing combinations of mutated human genes.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=17800021>

New RNAi Tools Enable Systematic Studies of Gene Function

Bio.com

22-Mar-06

Scientists announce the construction and availability of an extensive library of molecular reagents to silence most human and mouse genes.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=18200004>

Subcategory: Genomics

Multiple Myeloma Research Consortium Launches Myeloma Genome Mapping Program

Bio.com

27-Mar-06

The initiative is the most comprehensive research collaboration of its kind that focuses on cancer genomics, made possible with the development of the MMRC Tissue Bank, with hundreds of patient tissue samples now accrued under GLP standards.

<http://www.bio.com/realm/industry.jhtml?realmId=1&cid=18300018>

Subcategory: Imaging

Molecule by Molecule, New Assay Shows Real-time Gene Activity

Bio.com

15-Mar-06

Researchers have developed the first technique providing a real-time, molecule-by-molecule "movie" of protein production in live cells.

This greatly increases scientists' precision in probing genetic activity.

<http://www.bio.com/realm/research.jhtml?realmId=1&cid=17800029>

Subcategory: Miscellaneous

Integrating New Technologies for Solving Structures

Elizabeth Tolchin

Genomics & Proteomics

01-Mar-06

Novel approaches in miniaturization, integration, and automation will solve the most challenging proteins. These tools can be used to understand protein-protein and protein-DNA interactions in order to target specific diseases.

<http://www.genpromag.com/ShowPR~PUBCODE~018~ACCT~180000100~ISSUE~0602~RELTTYPE~PR~ProdCode~00000000~PRODLETT~AW.html>

STRATEGIC RELATIONSHIPS

Subcategory: Patent/Intellectual Property Issues

Deal That Could Bring NCSU, UNC \$100M Hits IP Snag

Triangle Business Journal

20-Mar-06

A proposal to create a separate, nonprofit biomedical institute to be run jointly by a private foundation and 2 universities raises concerns over giving an outside entity unprecedented rights to the universities' intellectual property.

<http://www.bizjournals.com/triangle/stories/2006/03/20/story2.html>

THERAPEUTIC CATEGORY

Subcategory: Neurology

Omega-3 Foods May Help Mental Outlook

WebMD

03-Mar-06

Whether you're seriously depressed or simply in a bad mood, eating salmon and other foods high in omega-3 fatty acids just might help you feel better.

<http://www.webmd.com/content/article/119/113365>

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