

Medindia On Mobile

About Us Portfolio Press Careers Sitemap Advertise Contact Us Make this your Homepage





Register
Sign In
 Sign In Using Facebook

HOME NEWS HEALTH A-Z HEALTH CENTRES HEALTH TOOLS DIRECTORIES SERVICES WEBSITES BUY ONLINE BLOGS COMMUNITY

DOWNLOADS

Ads by Google Medical College Mental Health Health Care Medical Tourism Alzheimers Disease

Home » Mental Health News

Scientists Find New Molecular Mechanisms in the Development of Alzheimer's

by Savitha.C.Muppala on December 19, 2010 at 4:35 PM

Mental Health News

News Comments

0 tweet



Ads by Google

[Curr. Alzheimer Research](#)

Print & Online Journal, Imp.Fac: 4.1 Updated reviews & research papers www.bentham.org/car

[Prevent Memory Loss](#)

Dr.'s report teaches you how in just 15 mins a day. www.primaforce.net

[Skeletal Muscle Relaxant](#)

Skeletal muscle relaxation ! Treatment of painful muscle spasm mmpharm.en.ec21.com/

[Private Health Insurance](#)

Different levels of cover available Affordable policies in English www.nashwarren.co.uk

[Expat Insurance in Spain](#)

Private Health, Car, Home, Travel, Pet, Life. Get your quote now at www.bvinsure.com



Scientists have found new molecular mechanisms behind the development of Alzheimer's disease.

The study, a collaboration between bioinformaticians and

cell biologists, was led by IRB Barcelona group leader and ICREA researcher Patrick Aloy.

This study reveals new molecular and functional data that could help researchers gain a better understanding of the disease and potentially develop new therapies.

In this study, rather than looking at individual proteins, the scientists analyzed the biology behind Alzheimer's disease using a global approach.

"We have combined computational and experimental methods to study the connections between proteins and put them in the context of their environment", said Aloy.

To do so, the researchers used genetic methods to study the thousands of possible interactions between proteins known - or thought likely - to be involved in the disease, including proteins derived from the genes located on the chromosomes related to the Alzheimer's disease. They obtained a total of 200 new interactions.

This information, added to what is already known, brings the total number of Alzheimer's-related interactions to 6000, and involves 1700 proteins, resulting in the largest network of

Google Translate

Select Language



Latest News Most Popular Most Commented

- Rich People More Prone to Cancer
- Manner of Perception of Each Other's Emotion During a Relationship Fight
- Why are We So Moved by Some Musical Performances?
- Physiotherapists in Jammu Demand Governm Jobs
- Tap Water in US Contains Large Amounts of Cancer-causing Chemical

NCR.com/healthcare Ads by Google

News Quick Links Special Reports

- News Central
- Latest Health News
- News Category (500+)
- Popular News
- Health News and Press Release
- News Photo Gallery
- News From Other Resources
- Health Watch
- Health In Focus
- Breaking Health News
- Celebrating Life
- Medindia - Exclusive
- India Special
- Lifestyle and Wellness

News Archive

Date :

Category :

Keyword :

Select a News Category

interactions between proteins related to Alzheimer's disease.

The computational analysis of these interactions, performed by the MareNostrum Supercomputer of the Barcelona Supercomputing Center (BSC), revealed that many of the groups of proteins are highly interconnected and have similar functions in cells. Some of these functions suggest new molecular mechanisms that could be linked to Alzheimer's. A clear example is a protein called ECSIT, that relates oxidative stress to inflammation and changes in the mitochondria, indicating that these processes may play a role in the development of the disease.

The study has been published in the Genome Research, a reference journal in the field of genomics.

Source-ANI

Recomendar Sé el primero de tus amigos en recomendar esto.

Ads by Google Gout Health Health India Medical Health Medical Eye

PREVIOUS STORY

[Mapping Human Body in 3D Through Google's New Browser](#)

NEXT STORY

[Research: Southampton Varsity Probing If Deaf Have Better Language Skills](#)

Email RSS Feeds Print Save Link Syndicate Comments SHARE


Comment & Contribute

Be the first to comment!

* Your comment can be maximum of 2500 characters


- Notify me when reply is posted
- I agree to the [terms and conditions](#)

[Post Comments](#)




Carrie Fisher Speaks About Her Electroconvulsive Therapy

Read More



Madonna's New Gym Gets Mexican Permit

Read More



Becks in a Tight Spot Due to Fresh Sex Allegations

Read More

More Celebrity News

CityDeal



Tu ciudad

-90%

¡Apúntate!

Medindia en Facebook

Me gusta

A 2,589 personas les gusta Medindia





















Are you a member of Facebook? **Become a fan of Medindia** and get breaking news delivered to your Facebook page.

Related Links

Medindia on - About Alzheimer's Disease

"If any one faculty of our nature may be called more wonderful than the rest, I do think it is memory. There seems something more speakingly incomprehensible in the powers, the failures, the inequalities of memory, than in any other of our intelligences," wrote Jane Austen, the English writer.

[Read More...](#)

For More Information

- Geriatry-Related Diseases
- Early Alzheimers in Drivers may Prove Potentially Dangerous
- Medicines Meant to Treat Alzheimers Found to be Good for Victims of Dementia

Medindia Health Network

[Support Groups](#) [Members](#) [Discussions](#)

←
→



Posted By : [amol181](#) on Fri, Sep 10 2010

[thank u. u r god for me...](#)

Under : [It is Possible to Overcome Severe Addictions, Though Not Quickly or Easily](#) Support Group

: [Adolescent Depression](#) No. of Posts: 2 Views: 318 [Reply](#)



Posted By : [medindia](#) on Fri, Sep 10 2010

[It is possible to overcome severe addictions which destroy ones quality of life...](#)

Under : [It is Possible to Overcome Severe Addictions, Though Not Quickly or Easily](#) Support Group

: [Adolescent Depression](#) No. of Posts: 2 Views: 318 [Reply](#)



Posted By : [Eremitha](#) on Fri, Aug 6 2010

[Because God did not do anything against the will of man...](#)

Under : [God Helps....But Only Those Who Believe In Him!](#) Support Group : [Adolescent Depression](#)

No. of Posts: 2 Views: 438 [Reply](#)

Total Members - 36129
Support Groups - 445

[Login](#) [Join Now >>](#)



Mental Health Related News



Mental Health Improves by Being a Part of Social Groups



Depression Linked to Aggressive Behavior in Youth



Economic and Racial Differences Obvious Among Victims of Parkinson's Disease



Diet High In Sugar And Amino Acid Tryptophan Could Lead To Mental Illness

[Read More](#)



[SEND YOUR FEEDBACK](#)

[Advanced Search](#)

Last Updated - December 20, 2010 - Designed & Content Managed by Medindia Health Network Pvt Ltd. Hosted & Technical Support by FrontPoint Systems

Disclaimer - The contents of this site are for informational purposes only. Always seek the advice of a qualified physician for any doubts.

To Read full Disclaimer Click Here!

Best viewed with resolution 1024x768 px.

[Advertise with us](#) | [Medindia Copyright](#) | [Privacy Policy](#) | [Terms of Use](#) | © All Rights Reserved 1997 - 2010