

Forum:[Hack Forums](#)

Thread: [Scientists discover key part of the brain that degrades in Alzheimer's... paving way](#)

The Pact - October 12, 2025, 2:54 am

Spatial memory, or memory for locations or directions, becomes severely impaired with forms of dementia like Alzheimer's disease, suggesting the medial entorhinal cortex degrades with the disease.

[Expand article logo](#) [Continue reading](#)

This could pave the way for new treatments that specifically target this structure.
'Before this study, there was extremely limited work on what actually happens to this spatial mapping system during healthy aging.'

<https://www.msn.com/en-nz/news/other/scientists-discover-key-part-of-the-brain-that-degrades-in-alzheimer-s-paving-way-for-therapies/ar-AA1NOIWb?ocid=msedgntp&pc=HCTS&cvid=68eb77cd63124e4ea25eba04bd18c995&ei=21>

Fish - October 12, 2025, 2:58 am

(Oct 12, 2025 02:54 AM)The Pact Wrote: [\[CITE\]](#) Spatial memory, or memory for locations or directions, becomes severely impaired with forms of dementia like Alzheimer's disease, suggesting the medial entorhinal cortex degrades with the disease.

[Expand article logo](#) [Continue reading](#)

This could pave the way for new treatments that specifically target this structure.
'Before this study, there was extremely limited work on what actually happens to this spatial mapping system during healthy aging.'

<https://www.msn.com/en-nz/news/other/scientists-discover-key-part-of-the-brain-that-degrades-in-alzheimer-s-paving-way-for-therapies/ar-AA1NOIWb?ocid=msedgntp&pc=HCTS&cvid=68eb77cd63124e4ea25eba04bd18c995&ei=21>

I feel like this is old news? But still very interesting!

Crazy how much we still don't know about ourselves

RangoWorld - October 12, 2025, 4:16 am

How is the spatial memory like for babies? In a way I think very old people are a lot like babies in their behavior and workings at times.

Can we see then a relation between the brain workings of an elderly and a baby? Maybe that can tell us more.

plops - October 12, 2025, 12:15 pm

I always understood it as a build up of certian plaque in a brain. At least thats what they found in most brains like this.

How it got there or what is is beyond me

Jinu - October 12, 2025, 6:50 pm

That is really interesting. Understanding how the medial entorhinal cortex changes with aging and dementia could be a major step toward treatments. Spatial memory is something we often take for granted until it starts declining. I wonder how soon research like this could lead to practical therapies.

The Pact - October 13, 2025, 5:02 am

(Oct 12, 2025 02:58 AM)Fish Wrote: [\[CITE\]](#) I feel like this is old news? But still very interesting!

Crazy how much we still don't know about ourselves
It's from October 3rd.

Fish - October 13, 2025, 5:35 am

(Oct 13, 2025 05:02 AM)The Pact Wrote: [\[CITE\]](#) It's from October 3rd.

Ah I see, new article expanding on a previously discovered topic. Misread the first part of the thread

<https://pmc.ncbi.nlm.nih.gov/articles/PMC9877178/>

Hackers - October 14, 2025, 4:52 am

(Oct 13, 2025 05:35 AM)Fish Wrote: [\[CITE\]](#) Ah I see, new article expanding on a previously discovered topic. Misread the first part of the thread

<https://pmc.ncbi.nlm.nih.gov/articles/PMC9877178/>

This happens a lot - research comes out and then media doesn't pick up on it until later.

I just read about a "breakthrough".... from January 2025. It was on a financial site, so I always check their cited sources to see if it actually can impact the markets and sure enough, they were parroting info that is already baked in.

I'm psyched for these types of breakthroughs though overall.

I strongly feel that we'll have the ability to prevent or repair a lot of different brain related conditions.

The Pact - October 14, 2025, 7:43 am

(Oct 14, 2025 04:52 AM)enki Wrote: [\[CITE\]](#) This happens a lot - research comes out and then media doesn't pick up on it until later.

I just read about a "breakthrough".... from January 2025. It was on a financial site, so I always check their cited sources to see if it actually can impact the markets and sure enough, they were parroting info that is already baked in.

I'm psyched for these types of breakthroughs though overall.

I strongly feel that we'll have the ability to prevent or repair a lot of different brain related conditions. And then the media will choose one random study to all copy each other's articles about and blow up ad nauseum and giving it more significance than it really has.

Hackers - October 14, 2025, 8:36 am

(Oct 14, 2025 07:43 AM)The Pact Wrote: [\[CITE\]](#) And then the media will choose one random study to all copy each other's articles about and blow up ad nauseum and giving it more significance than it really has.

and then buzzfeed/etc can come out and say "INTERNET GOES WILD OVER ____" lol

then the market responds, and ... "MARKETS RESPOND TO ____" lol

The Pact - October 14, 2025, 12:21 pm

Spatial memory — the ability to recall “where” — is often one of the first cognitive skills to fade in aging.

However there are people born with a learning disability that affects their spatial memory and spatial awareness.