

Claim your 100 coins now ! (https://user.india.com/sso/prelogin?utm\_source=https://news.google.com/&utm\_medium=Organic&source=wion&ru=https://www.wionews.com/zeesso/verify?destination=/science/why-is-human-brain-big-scientists-discover-the-molecular-reason-373399)



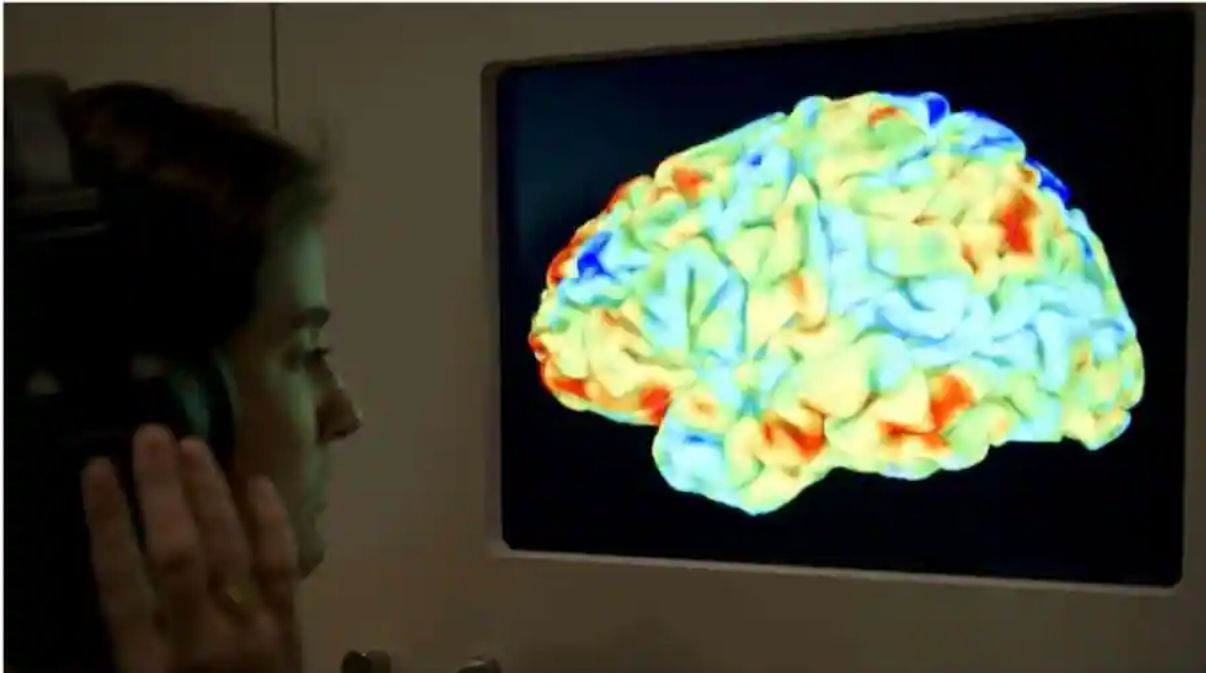
HOME (/) GRAVITAS (/GRAVITAS) GLOBAL SUMMIT (/GLOBALSUMMIT/DUBAI-2021) WORLD (/WORLD) BANGLADESH@50 (/TOPICS/BANGLADESH-INDEPENDENCE-GOLDEN-JUBILEE)

# why is human brain big? Scientists discover the molecular reason

WION Web Team  
New Delhi Published: Mar 26, 2021, 04.25 PM(IST)



(whatsapp://send?text=https://www.wionews.com/science/why-is-human-brain-big-scientists-discover-the-molecular-reason-373399&APN=ESSELGROUP\_ZEEMEDIA\_WIONNEWS&ST=WION+ARTICLE+DYNAMIC+LINKS&utm\_campaign=wion+article+dynamic+links&utm\_medium=wion+article+dynamic+links&utm\_source=https://www.wionews.com/science/why-is-human-brain-big-scientists-discover-the-molecular-reason-373399&utm\_medium=organic&utm\_source=news.google.com) [VIEW IN APP \(HTTPS://ZEEEMEDIA.PAGE.LINK/?LINK=HTTPS://WWW.WIONNEWS.COM/SCIENCE/WHY-IS-HUMAN-BRAIN-BIG-SCIENTISTS-DISCOVER-THE-MOLECULAR-REASON-373399&APN=ESSELGROUP\\_ZEEMEDIA\\_WIONNEWS&ST=WION+ARTICLE+DYNAMIC+LINKS&utm\\_campaign=wion+article+dynamic+links&utm\\_medium=wion+article+dynamic+links&utm\\_source=https://www.wionews.com/science/why-is-human-brain-big-scientists-discover-the-molecular-reason-373399&utm\\_medium=organic&utm\\_source=news.google.com\)](#)



Representative image Photograph:( AFP )

Representative image Photograph:( AFP )

FOLLOW US

### STORY HIGHLIGHTS

Scientists have now found the molecular reason behind why human brain is so big

Humans are closely related to other primates like Chimpanzees, Gorillas and so on. But what sets humans apart is intelligence. It is this alone that puts man at the top of global food chain and elevates the species to global dominance. We may lack the power, agility and speed of primates but with our intelligence, we have been able to overcome all these impediments.

500 cm3 in adulthood. Compare this with a chimpanzee's brain, which has only 400 cm3. So, an intelligence has.

**Wion News**  
Highest Rated News App  
4.8 ★★★★★ **DOWNLOAD**

**MOLECULAR REASON** Medical Research Council's journal Cell.



human, Gorilla and Chimpanzee. They were programmed into stem cells. Then they were grown in a way that they formed respective brain organoids, that is, little lumps of brain.

(https://zeemedia.page.link/wionmwebbanneronscroll)

(https://www.wionews.com)

Claim you've never seen a pig grow up? (https://us.oidb.com/shopping) :  
 https://news.google.com/?utm\_medium=Organic&source=wion&ru=https://www.wionews.com/zeeso/verify? :  
 destination=https://news.google.com/&utm\_medium=Organic&source=wion&ru=https://www.wionews.com/zeeso/verify? :  
 responsible/science/why-is-human-brain-big-scientists-discover-the-molecular-reason-373399) utm :  
 des :



This gene functions as a molecular switch, which when turned on, results in an increased division of cells and thereby more  
 growth of human brains compared to great apes.

HOME (/) GRAVITAS (/GRAVITAS) GLOBAL SUMMIT (/GLOBALSUMMIT/DUBAI-2021) WORLD (/WORLD) BANGLADESH@50 (/TOPICS/BANGLADESH-INDEPENDENCE-GOLDEN-JUBILEE)

RELATED



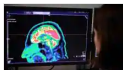
Coronavirus vaccines effective for pregnant women and newborns: Study (/science/coronavirus-vaccines-effective-for-pregnant-women-and-newborns-study-373958)

(/science/corv  
 vaccines-  
 effective-for-  
 pregnant-  
 women-and-  
 newborns-  
 study-373958)



Dark matter in space may be heating up core of planets (/science/dark-matter-in-space-may-be-heating-up-core-of-planets-373948)

(/science/dark  
 matter-in-  
 space-may-  
 be-heating-up-  
 core-of-  
 planets-  
 373948)



Studying new language leads to measurable changes in brain activity: Research (/science/studying-new-language-leads-to-measurable-changes-in-brain-activity-research-373947)

(/science/stud  
 new-  
 language-  
 leads-to-  
 measurable-  
 changes-in-  
 brain-activity-  
 research-  
 373947)

ews&utm\_medium=referral&utm\_content=ab\_alternating-thumbnails-rr\_abp-mode:Right Rail Hybrid Thumbnails:)  
 You May Like

(https://www.wionews.com/science/astromers-confirm-conspiracy-theory-on-worlds-oldest-impact-crater-369955)

**Astronomers confirm conspiracy theory on world's oldest 'impact crater'**

(https://www.wionews.com/science/astromers-confirm-conspiracy-theory-on-worlds-oldest-impact-crater-369955)

(https://www.wionews.com/entertainment/hollywood/news-godzilla-vs-kong-review-its-worth-all-the-hype-373336)

**'Godzilla Vs Kong' witnesses blockbuster opening at Indian box office, mints Rs 6.4 cr**

(https://www.wionews.com/entertainment/hollywood/news-godzilla-vs-kong-review-its-worth-all-the-hype-373336)

(https://www.wionews.com/science/asteroid-alert-a-stadium-sized-space-rock-is-hurting-towards-earth-365317)

Wion News  
 Highest Rated News App  
 4.8 ★★★★★ DOWNLOAD

OLECULAR-REASON-  
 amp\_js\_v=0.1)  
 JM=WION+ARTICLE+DYNAMIC+LINKS&UTM\_SOURCE=  
 years ago

+  
 LIVE TV

(https://zeemedia.page.link/wionwebbannerscroll)

(https://www.wionew

Claim your 100 coins now! (https://user.india.com/ss0/prelogin?)

Watch High-resolution images from Chinas Mars probe shared

utm\_source=https://news.google.com/&utm\_medium=Organic&source=wion&ru=https://www.wionews.com/zeesso/verify?utm\_source=/science/why-is-human-brain-big-scientists-discover-the-molecular-reason-373399)



(https://www.wionews.com/science/watch-high-resolution-images-from-chinas-mars-probe-shared-367889)

by Taboola (https://popup.taboola.com/en/?template=colorbox&utm\_source=zeemedia-wionews&utm\_medium=referral&utm\_content=ab\_alternating-inumbnais-rr\_app-mode:Right Rail Hybrid Thumbnail);

HOME (/) GRAVITAS (/GRAVITAS) GLOBAL SUMMIT (/GLOBSUMMIT/DUBAI-2021) WORLD (/WORLD) BANGLADESH@50 (/TOPICS/BANGLADESH-INDEPENDENCE-GOLDEN-JUBILEE)



Advertise with us (/advertise-with-us)

About Us (/about-us)

Privacy Policy (/privacy-policy)

Cookie Policy (/cookie-policy)

Disclaimer (/disclaimer)

Stay connected with us

f (https://www.facebook.com/WIONews) t (https://twitter.com/WIONews)

© 1998-2019 Zee Media Corporation Ltd (An Essel Group Company), All rights reserved.

PAGE.LINK/?LINK=HTTPS://WWW.WIONEWS.COM/SCIENCE/WHY-IS-HUMAN-BRAIN-BIG-SCIENTISTS-DISCOVER-THE-MOLECULAR-REASON-DIA.WIONEWS&ST=WION+ARTICLE+DYNAMIC+LINKS&UTM\_CAMPAIGN=WION+ARTICLE+DYNAMIC+LINKS&UTM\_MEDIUM=WION+ARTICLE+DYNAMIC+LINKS&UTM\_SOURCE=



LIVE TV

(https://www.wionew