



**BHAGAVAD GITA: Chapter 11, Verse 8**

na tu mam shakyase drashtum anenaiva sva-chakshusha  
divyam dadami te chakshuh pashya me yogam aishwaram

na—not; tu—but; mā—me; śhakyase—you can; drashtum—to see; anena—with these; eva—even; sva-chakshushā—with your physical eyes; divyam—divine; dadāmi—I give; te—to you; chakshuh—eyes; pashya—behold; me—my; yogam aishwaram—majestic opulence

na tu mam shakyase drashtum anenaiva sva-chakshusha  
divyam dadami te chakshuh pashya me yogam aishwaram

◆ **TRANSLATION**

BG 11.8: But you cannot see My cosmic form with these physical eyes of yours. Therefore, I grant you divine vision. Behold My majestic opulence!

◆ **COMMENTARY**

When the Supreme Lord descends in the world, he has two kinds of forms—one is the material form that can be seen with material eyes, and the other is his divine form that can only be seen with divine vision. Thus, human beings do see him during his descension upon the earth, but they see only his material form. His divine form is not visible to their material eyes. That is the reason why souls in this material world cannot recognize God when he takes an Avatar on earth. Shree Krishna mentioned this in the ninth chapter, verse 11: “When I descend in My personal form deluded persons are unable to recognize Me. They do not know the divinity of My personality, as the Supreme Lord of all beings.” What people see is only the material form of the divine descension.

The same theory applies to his cosmic form. In the previous two verses, Shree Krishna asked Arjun to see the cosmic form, but Arjun could see nothing because he had material eyes. The physical eyes are insufficient to see that universal form and the ordinary intellect is unequipped to comprehend it. Thus, Shree Krishna now says that he will grant the divine vision with which it will become possible to behold the universal form with all its majesty.

The granting of spiritual vision is an act of grace by the Supreme Lord. By his grace, God adds his divine eyes to the soul’s material eyes; he adds his divine mind to the soul’s material mind; he adds his divine intellect to the soul’s material intellect. Then, equipped with the divine senses, mind, and intellect of God, the soul can see his divine form, think of it, and comprehend it.



**Scientists Discover Why the Brain Gets Stuck in Schizophrenia**

Scientists at MIT may have found a key reason. A newly identified gene mutation appears to disrupt a brain circuit that helps us update our understanding of the world. When this system fails, the brain may cling to old ideas even when reality changes.

In experiments with mice, researchers showed that this mutation interferes with the brain’s ability to adjust decisions based on new input, a problem that closely mirrors cognitive symptoms seen in schizophrenia.

The mutation occurs in a gene called *grin2a*, previously linked to schizophrenia in large genetic studies. The findings suggest that targeting this circuit could eventually help improve cognitive function in some patients.

“If this circuit doesn’t work well, you cannot quickly integrate information,” says Guoping Feng, the James W. and Patricia T. Poitras Professor in Brain and Cognitive Sciences at MIT, a member of the Broad Institute of Harvard and MIT, and the associate director of the McGovern Institute for Brain Research at MIT. “We are quite confident this circuit is one of the mechanisms that contributes to the cognitive impairment that is a major part of the pathology of schizophrenia.”

Feng and Michael Halassa, an associate professor of psychiatry and neuroscience at Tufts University, are the senior authors of the study published in *Nature Neuroscience*. Tingting Zhou and Yi-Yun Ho led the research.

**A Brain That Can’t Update Itself**  
Schizophrenia has long been known to have a strong genetic basis. About 1 percent of people develop the condition, but the risk rises to 10 percent if a close family member is affected and up to 50 percent for identical twins.

Over the years, researchers have identified more than 100 genetic variants linked to schizophrenia. Many of these are found in regions of DNA that do not directly code for proteins, making their role difficult to interpret.

To get clearer answers, scientists turned to whole-exome sequencing, which focuses on protein-coding genes. By analyzing about 25,000 people with schizophrenia and 100,000 without, they identified 10 genes where mutations significantly raise risk.

One of those genes is *grin2a*. This gene helps form part of the NMDA receptor, which plays a central role in brain signaling and learning.

**Why the Brain Gets “Stuck”**  
To understand how this mutation affects behavior, researchers engineered mice with the same genetic change.

While mice cannot experience hallucinations or delusions (loss of contact with reality), they can model related problems, such as difficulty



adjusting to new information.

For years, scientists have suspected that schizophrenia may involve a breakdown in how the brain updates beliefs.

“Our brain can form a prior belief of reality, and when sensory input comes into the brain, a neurotypical brain can use this new input to update the prior belief. This allows us to generate a new belief that’s close to what the reality is,” Zhou says. “What happens in schizophrenia patients is that they weigh too heavily on the prior belief. They don’t use as much current input to update what they believed before, so the new belief is detached from reality.”

**The Experiment That Revealed the Problem**  
To test this idea, the researchers designed a decision-making task.

Mice had to choose between two levers. One offered a small reward and required multiple presses, while the other delivered a larger reward with fewer presses.

At first, all mice preferred the better option. But over time, the effort required to get the larger reward increased.

Healthy mice adapted. As the task became less efficient, they switched to the easier option and stuck with it.

Mice with the *grin2a* mutation struggled. They kept switching back and forth and took much longer to settle on the better choice.

“We find that neurotypical animals make adaptive decisions in this changing environment,” Zhou says. “They can switch from the high-reward side to the low-reward side around

the equal value point, while for the animals with the mutation, the switch happens much later. Their adaptive decision-making is much slower compared to the wild-type animals.”

**The Brain Circuit Behind Flexible Thinking**  
The researchers traced the problem to a specific brain region called the mediodorsal thalamus. This area connects to the prefrontal cortex, forming a circuit that supports decision-making and flexible thinking.

Neurons in this region appeared to track how valuable each option was, helping guide choices. The team also observed different patterns of activity depending on whether the mice were exploring options or committing to a decision.

**Reversing the Effects**  
In a striking result, the researchers were able to reverse the behavioral problems.

Using optogenetics, they engineered neurons in the mediodorsal thalamus to respond to light. When these neurons were activated, the mice began behaving more like normal mice.

This suggests that the circuit itself plays a direct role in the symptoms.

**What This Means for Schizophrenia**  
Only a small percentage of schizophrenia patients carry mutations in *grin2a*. However, the researchers believe this circuit may represent a shared pathway that contributes to cognitive impairment across different forms of the disorder.

If so, it could become a promising target for new treatments aimed at improving thinking and decision-making.

*Word of the Day*

**LAUDABLE**

LAW-duh-bul

**What It Means**

Laudable is a somewhat formal word used to describe something as worthy of praise. It is a synonym of commendable.

// Thanks to the laudable efforts of dozens of volunteers, the town’s Spring Festival was an enjoyable event for everyone.

**LAUDABLE IN CONTEXT**

“Fair and equal access to higher education, regardless of socioeconomic status or geographical location, is a laudable aim.” — The Irish Times, 2 July 2025

**Did You Know?**

Let’s have a hearty round of applause for laudable, a word that never fails to celebrate the positive. Laudable comes ultimately from Latin *laud-* or *laus*, meaning “praise,” as does

laudatory. Take care, however, to consider the differences between the pair: laudable means “deserving praise” or “praiseworthy”; it is typically used to describe things people try to do or achieve (“a laudable goal/aim”) or the work they expend to do so (“laudable efforts”). Meanwhile, laudatory means “giving praise” or “expressing praise”; it is almost always used to describe a favorable response to something, as in “laudatory remarks,” and “laudatory media coverage.”

**SUDOKU PUZZLES**

SOLVE THE PUZZLE AND GET HANDSOME REWARDS. SEND YOUR SOLUTIONS AT: [EARTHNEWSROOM@GMAIL.COM](mailto:EARTHNEWSROOM@GMAIL.COM)

1	7	3	5	2	8	4	6	9
6	8	4	7	9	1	5	2	3
2	5	9	3	6	4	8	1	7
5	4	6	2	1	7	3	9	8
3	1	2	4	8	9	7	5	6
8	9	7	6	5	3	2	4	1
9	3	5	1	7	2	6	8	4
4	2	8	9	3	6	1	7	5
7	6	1	8	4	5	9	3	2

**SOLUTION OF PREVIOUS PUZZLE**

2	1	4	3	6	8	7	9	5
7	5	6	2	4	9	8	3	1
9	8	3	1	5	7	2	4	6
1	3	9	8	7	2	6	5	4
6	2	7	5	1	4	9	8	3
5	4	8	6	9	3	1	7	2
8	9	2	4	3	1	5	6	7
3	7	5	9	2	6	4	1	8
4	6	1	7	8	5	3	2	9

Solved By Stanzin Spalzum

**Is it your Birthday Today?**

APRIL 8

Influenced by number 8 and the planet Saturn. You are active, authoritative, systematic, sober and possess a charming personality. Your ability and hard work bring excellent results and is appreciated by others, but you need to check your tendency to behave nervous, vindictive and lazy at times. This year as you work towards bright future, money matters will keep you busy. New ventures and associations will prove beneficial. Middle of the year you will go for technology up-gradation and renovation to improve the efficiency of your work. Home front will be peaceful with family members extending all possible help and cooperation. Spouse and children will be supportive and provide you with lots of love and care. Wedding bells for some in the later half of the year while others will find romance to keep them in the right spirit and good mood. The months of February, June and October will be important and eventful.

**STARS & PLANETS**

**What is My Zodiac Sign?**

List of Zodiac Signs Based on Birth Dates

Your zodiac sign is determined by your date of birth. You may check the zodiac sign that and find it in a great general of zodiac you birth date.



**List of 12 Zodiac Signs**

- Aries** (Mar 21 - Apr 20)
- Taurus** (Apr 21 - May 21)
- Gemini** (May 22 - Jun 21)
- Cancer** (Jun 22 - Jul 22)
- Leo** (Jul 23 - Aug 23)
- Virgo** (Aug 24 - Sep 23)
- Libra** (Sep 24 - Oct 23)
- Scorpio** (Oct 24 - Nov 22)
- Sagittarius** (Nov 23 - Dec 21)
- Capricorn** (Dec 22 - Jan 19)
- Aquarius** (Jan 20 - Feb 18)
- Pisces** (Feb 19 - Mar 20)

■ **ARIES:** A colleague could be in a very bad mood, Aries, and therefore not the easiest person in the world to deal with. In fact, today he or she could resist working at all, and you might feel obligated to take up the slack. Only do it if the tasks are urgent. It isn’t fair to you to have to do someone else’s job. Don’t feel guilty if you leave it unfinished.

■ **TAURUS:** Plans to go away on vacation or perhaps a business trip could be put on hold today, Taurus. Events you might have been scheduled to attend could be temporarily postponed. This could leave you feeling somewhat at a loss because you’d planned to be away and now you don’t know what to do with yourself in the meantime. Be your usual ingenious self and you’ll find something! Go to it!

■ **GEMINI:** This isn’t a good day to visit the racetrack, Las Vegas, or any store that sells lottery tickets. Stay away from the stock market, too, Gemini. Speculation of any kind now could be risky at best and disastrous at worst. Romance is also likely to be blocked today, since you’re probably feeling a bit lethargic and not very sociable. Read a good book. That’s the most productive thing you could do today!

■ **CANCER:** Cancer, you’re likely to want to retreat into your bedroom and slam the door today. You won’t feel like talking or socializing with anyone, not even those closest to you. Too much work could have you in a state of near exhaustion and almost total burnout, which means that getting some rest is probably the best thing you could do right now. Relax now, and get yourself going again tomorrow.

■ **LEO:** This might prove to be one of those days in which it’s very hard to get anything related to work or communication off the ground, Leo. You could find excuses to stop working more often than usual, particularly if it involves calling people on the phone. Don’t fight it. Take care of the most urgent tasks. The world won’t come to an end if you put the rest off a while.

■ **VIRGO:** You might have planned to make a particular purchase today, Virgo, but a quick check of your financial situation could reveal that it would be better if you waited until your next payday. This could prove disappointing and frustrating, but look at it this way - you’ve waited this long for this item. It isn’t urgent, so waiting a little longer certainly won’t hurt. Do something else today.

■ **LIBRA:** A lack of physical and mental energy as well as motivation could have you in a lethargic mood today, Libra. You won’t feel like doing much of anything. You might get extremely irritated at the thought of having to work in any way. It might be a good idea to go to a movie in the evening, preferably a thriller or action movie. This will get your juices flowing again. Don’t be afraid to make use of it.

■ **SCORPIO:** Usually you enjoy talking with others, Scorpio, but today you won’t even want to answer the phone. Your physical stamina and mental energy are low, and you could feel out of sorts. It might help if you go for a walk sometime in the afternoon. You won’t want to waste your evening lying around the house. Get the endorphins going and then go to a movie. You’ll soon be your old self again!

■ **SAGITTARIUS:** A group of friends might want you to go out with them today, Sagittarius, but you probably won’t feel up to it. Your financial situation could also require a little belt-tightening now, so you may not feel you can justify the expense. In any case, you aren’t going to want to spend the evening alone. Invite a friend or love partner over to watch a movie with you.

■ **CAPRICORN:** Today you could feel full of energy and eager to get out for some exercise, Capricorn, but other responsibilities might threaten to keep you from doing it. The resulting frustration could zap all your energy and put you in a lethargic mood. Don’t fall into this trap! Get the most urgent tasks done and then get the exercise you need. This way, you can recoup both your physical and mental energy.

■ **AQUARIUS:** Your energy is probably pretty low today, Aquarius. You won’t feel like socializing, nor will you feel like staying in and reading or watching TV. Chances are you won’t know what to do with yourself all day. Under these circumstances, the best thing to do is find a distraction. Go work out, read a thrilling book, go to a funny movie. Get your mind off your lethargy and it could well disappear.

■ **PISCES:** Career and financial goals could seem completely stalled, Pisces, and this could have you depressed, frustrated, and in something of a panic. Don’t fall into this trap. This isn’t a permanent condition. You’ll be back on track in a few days. In the meantime, be good to yourself. Go to your favorite restaurant, buy yourself a present, or spend the afternoon in a bookstore. If nothing else, you’ll feel better.