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Level 4

Scientists discover depression molecule

25th July, 2013

<http://www.breakingnewsenglish.com/1307/130725-depression-4.html>

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Please try the harder Level 5 and the 26-page Level 6.

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THE READING

From <http://www.breakingnewsenglish.com/1307/130725-depression-4.html>

Scientists say they have found the part of the brain that makes us feel miserable, anxious and stressed. A British research company called Heptares Therapeutics has located the molecule related to depression. It is a protein of the brain called CRF1. The protein is important in controlling the body's response to stress and is linked to stress-related diseases such as depression and anxiety. The team used a super-powerful x-ray machine in its research. Lead researcher Fiona Marshall said this greater understanding could lead to ground-breaking drugs to control depression.

Britain's National Health Service (NHS) warned sufferers of depression or related illnesses not to get too excited about this research. It questioned whether just one molecule could really lead to depression, which, it said, resulted from a complex interaction of chemicals. The NHS was surprised at how two of Britain's biggest newspapers built the story up. "The Sunday Times" reported that researchers had found the "miserable molecule," saying it was "the protein involved in all our feelings of stress". The NHS said: "It's a great headline, but a hugely sweeping claim."

Sources: <http://www.dailymail.co.uk/sciencetech/article-2372305/Scientists-discover-brains-misery-molecule-affects-stress-anxiety-depression.html#ixzz2ZqwQ3QQM>
<http://www.nhs.uk/news/2013/07July/Pages/Medias-talk-of-a-misery-molecule-is-misleading.aspx>
<http://www.heptares.com/news/126/74/Heptares-Announces-Publication-in-Nature-of-Class-B-GPCR-Structure.html>

MATCHING

From <http://www.breakingnewsenglish.com/1307/130725-depression-4.html>

PARAGRAPH ONE:

- | | |
|-------------------------------|----------------------------|
| 1. the part of the brain that | a. reacts to stress |
| 2. a protein related | b. understanding |
| 3. how the body | c. for depression |
| 4. The team used a powerful | d. makes us feel miserable |
| 5. greater | e. x-ray machine |
| 6. new drugs | f. to depression |

PARAGRAPH TWO:

- | | |
|---|-----------------------------|
| 1. people | a. could lead to depression |
| 2. not to get | b. the story up |
| 3. It questioned whether one molecule | c. claim |
| 4. how newspapers built | d. with depression |
| 5. the protein involved in all our feelings | e. too excited |
| 6. a hugely sweeping | f. of stress |

LISTEN AND FILL IN THE GAPS

From <http://www.breakingnewsenglish.com/1307/130725-depression-4.html>

Scientists say they (1) _____ of the brain that makes us feel miserable, (2) _____. A British research company has located a protein (3) _____ called CRF1. The protein is important in controlling how (4) _____ stress. It is linked to stress-related diseases such as depression and anxiety. The team used a powerful x-ray (5) _____. Researchers said this greater understanding (6) _____ drugs for depression.

Britain's National Health Service (NHS) (7) _____ depression (8) _____ excited about this research. It questioned whether one molecule could (9) _____, which comes from many chemicals. The NHS (10) _____ newspapers (11) _____. One newspaper reported that CRF1 was, "the protein involved in all our feelings of stress". The NHS said: "It's a great headline, but a (12) _____."

DEPRESSION SURVEY

From <http://www.breakingnewsenglish.com/1307/130725-depression-4.html>

Write five GOOD questions about depression in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a)

b)

c)

d)

e)

f)

g)

h)

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a)

b)

c)

d)

e)

f)

g)

h)

