

**NEWS, SPECIAL REPORT**

# Test your knowledge of 2022's autism research news

BY SPECTRUM

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## spectrum news quiz

Do you read *Spectrum* regularly? Test your knowledge by taking our end-of-year quiz. The following questions are drawn from *Spectrum* stories published in 2022. Good luck!

**BEGIN QUIZ**

QUESTION 1 OF 8

## Which biological factors may contribute to autism's sex bias?

Gene expression differences

Hormonal differences

Genetic variants

All of the above

All of the above

**Read more: [Searching for the biology behind autism's sex bias](#)**

next question

QUESTION 2 OF 8

**Which term do researchers apply to conglomerations of organoids used to model developing circuits?**

Midibrains

Assembloids

Super organoids

Embryoids

Assembloids

**[Read more: 'Assembloids' lay bare autism-linked genes that hamper neuron development](#)**

[next question](#)

QUESTION 3 OF 8

**Motor issues are part of the core diagnostic criteria for autism.**

True

False

False

**[Read more: Motor skills in autism: A missed opportunity](#)**

next question

QUESTION 4 OF 8

**Which of the following is NOT being explored as a treatment for Angelman syndrome?**

Gaboxadol, a drug that ramps up the activity of inhibitory neurons

BPN14770, a drug that increases levels of cyclic AMP

Antisense oligonucleotides that unsilence the paternal copy of the UBE3A gene

Short hairpin RNAs that unsilence paternal UBE3A

BPN14770, a drug that increases levels of cyclic AMP

**Read more: [What next for Angelman?](#)**

next question

QUESTION 5 OF 8

**Astrocytes do which of the following?**

Tell synapses when and how to form

Regulate neuronal hyperexcitability

Communicate with one another via changing calcium ion levels

All of the above

All of the above

**Read more: [Portrait of a research field: astrocytes in autism](#)**

next question

QUESTION 6 OF 8

**Some autism-linked genes known to encode proteins that affect synapses do more than support synaptic function.**

True

False

True

**Read more: 'Double duty' autism-linked genes upend conventional characterizations**

next question

QUESTION 7 OF 8

**Which of the following scientists played a crucial role in recognizing autism as a distinct syndrome but went unrecognized for decades?**

Grunya Sukhareva

Georg Frankl

Anni Weiss

All of the above

All of the above

**Read more: [Special report: The new history of autism](#)**

next question

QUESTION 8 OF 8

**Most forms of autism therapy lack solid evidence for their efficacy**

True

False

True

**Read more: [Why autism therapies have an evidence problem](#)**

see my results

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score

You answered %% questions correctly.

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