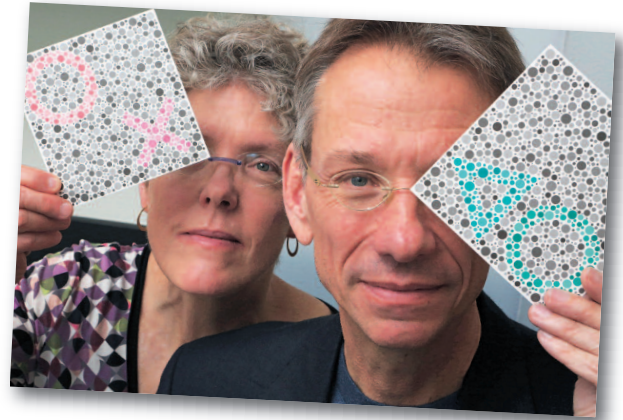


# QUIZ

## A CURE FOR COLOR BLINDNESS

- 1. Which one of these categories is not, or was not, red/green colorblind?**
  - a) our ancestors 23 million years ago
  - b) many primates
  - c) some mammals
- 2. In the experiment, what is Kramer the monkey supposed to do?**
  - a) distinguish between green and red screens
  - b) find a red part of the screen
  - c) locate a green part of the screen
- 3. What does Kramer not have?**
  - a) opsins tuned to different wavelengths
  - b) a third opsin
  - c) the ability to detect colors
- 4. Which statement is true?**
  - a) Two factors might explain the evolution of a third opsin gene.
  - b) An opsin is usually encoded by two genes.
  - c) Opsin genes can mutate very quickly.
- 5. How did Sam, the squirrel monkey, improve his performance?**
  - a) He was implanted with a human opsin.
  - b) He learned how to be rewarded.
  - c) He received a gene from Kramer.
- 6. The video concludes that the evolution of color perception helped our ancestors to ...**
  - a) stay out of danger.
  - b) feed themselves.
  - c) differentiate themselves from other primates.



1.	.....
2.	.....
3.	.....
4.	.....
5.	.....
6.	.....

Answers : 1. c - 2. b - 3. b - 4. a - 5. a - 6. b.