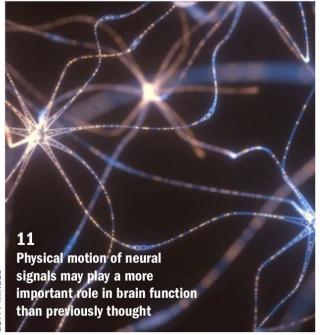


CONTENTS

5 Research could help explain why people think things are getting worse when they are actually getting better

8
European nations see
biggest increases in use of
stimulants such as Ritalin
by people seeking brainboosting effects



News

5 The Despondent Mind: Are Our Brains Wired for Doom and Gloom?

Research could help explain why people think things are getting worse when they are actually getting better

8 Use of "Smart Drugs" on the Rise

European nations see biggest increases in use of stimulants such as Ritalin by people seeking brain-boosting effects

11 "Traveling" Brain Waves May Be Critical for Cognition

Physical motion of neural signals may play a more important role in brain function than previously thought

15 Early Life Experience: It's in Your DNA

Surprising study suggests experiences while young cause the brain to experience changes to the genome

How does the brain know where it is? Nachum Ulanovsky hopes his flying friends can help him find the answer

41 Psychedelics have psychological and spiritual benefits, as a new best seller claims, but they're far from a panacea

How to handle grief after a pet's death—and why we all need to change our attitudes about it

CONTENTS

Features

18 The Art of Lying

Lying has gotten a bad rap. In fact, it is among the most sophisticated accomplishments of the human mind. But how can one tell if a person is fibbing?

26 Sex, Drugs and Self-Control

It's not just about rebellion. Neuroscience is revealing adolescents' rich and nuanced relationship with risky behavior

33 Bat Man

How does the brain know where it is? Nachum Ulanovsky hopes his flying friends can help him find the answer

Opinion

41 Yes, Make Psychedelics Legally Available, but Don't Forget the Risks

Psychedelics have psychological and spiritual benefits, as a new best seller claims, but they're far from a panacea

45 What Your Facebook Network Reveals about How You Use Your Brain

If your friends mostly know each other only indirectly, through you, you're likely to be a better problem solver and to be more successful overall

48 Why We Need to Take Pet Loss Seriously

How to handle grief after a pet's death—and why we all need to change our attitudes about it

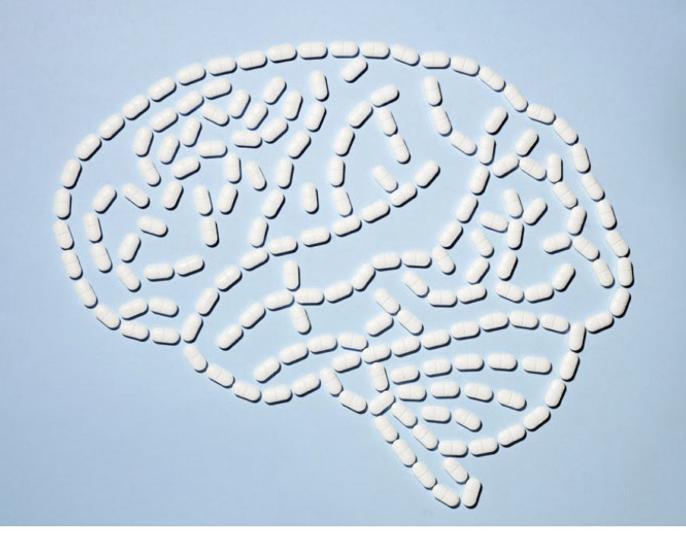




NEWS

The Despondent Mind: Are Our Brains Wired for Doom and Gloom?

Research could help explain why people think things are getting worse when they are actually getting better



NEWS

Use of "Smart Drugs" on the Rise

European nations see biggest increases in use of stimulants such as Ritalin by people seeking brain-boosting effects



NEWS

Early Life Experience: It's in Your DNA

Surprising study suggests experiences while young cause the brain to experience changes to the genome



THE ART OF LYING

Lying has gotten a bad rap. In fact, it is among the most sophisticated accomplishments of the human mind. But how can one tell if a person is fibbing?

By Theodor Schaarschmidt



How does the brain know where it is? Nachum Ulanovsky hopes his flying friends can help him find the answer By Alison Abbott



OPINION

Yes, Make Psychedelics Legally Available, but Don't Forget the Risks

Psychedelics have psychological and spiritual benefits, as a new best seller claims, but they're far from a panacea

By John Horgan



OPINION

What Your Facebook Network Reveals about How You Use Your Brain

If your friends mostly know each other only indirectly, through you, you're likely to be a better problem solver and to be more successful overall

By Emily Falk and Michael Platt