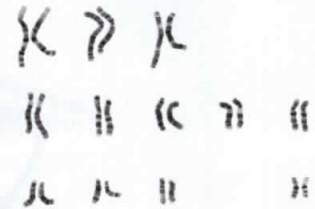


“The way we make babies could be about to change. Maybe.”



Front

2 Letter from the editor

THE DOWNLOAD

9 Cancer-sniffing locusts; AI image-makers; the godfather of AI envisions a new way; urban sensing in Chicago; why we need more expansive gender options online; what the new James Webb Space Telescope can show us; Saudi Arabia's search for treatments against aging; a comic on IVF post-Roe.

EXPLAINED

20 **How do strong muscles keep your brain healthy?**
By Bonnie Tsui

PROFILE

22 **Designing more inclusive emoji**
Emoji tend to codify stereotypical gender roles. Paul D. Hunt is working to change that. By Tanya Basu



The gender issue

24 **“The Constitution does not confer a right to abortion.”**

The immediacy of *Dobbs* puts an antiquated court in sharp relief. BY MELISSA GIRA GRANT

28 **The race to make human sex cells in the lab**

Scientists might soon be able to create eggs and sperm from skin and blood cells. Will sex become irrelevant to baby-making? BY JESSICA HAMZELOU

34 **A divided defense**

Biological sex influences how our immune system responds to diseases and vaccines, but its effects have long been overlooked. BY SANDEEP RAVINDRAN

42 **Why can't tech fix its gender problem?**

Silicon Valley's inequality is perpetuated by the same things that allow it to endlessly churn out successful tech companies. BY MARGARET O'MARA

52 **Living with an extra X**

Sex chromosome variations are the most common chromosomal conditions, but most people don't even know they have them. BY BONNIE ROCHMAN

58 **Unnatural childbirth**

Ani Liu's art explores the ways reproductive labor is hidden, romanticized, technologized—and undervalued. BY ALEXANDRA LANGE

Back

68 **What are you on?**

Psychedelic drugs may be getting closer to market as studies begin to show their promise for improving women's health outcomes. By Taylor Majewski

74 **The fight for “Instagram face”**

Are filters on social media enforcing ever narrower beauty standards? By Tate Ryan-Mosley

78 **Lit streets, dark skies**

Outdoor LEDs may not be as environmentally friendly as we thought. By Shel Evergreen

84 **A rapid-onset gender theory**

Research suggesting a trans-gender contagion arrived at just the right moment to be taken up by a new wave of anti-trans political effort. By Ben Kessler

ARCHIVE

88 Katharine Dexter McCormick (MIT Class of 1904), unsung hero of gender equality.

On the cover:
(Re)imagining the image II
By Kenneth Kajoranta